JAZZY 1122

How a Power Chair Should FEEL!™

OWNER'S MANUAL

Pride
Mobility Products Corp.
www.pridemobility.com

21 Healey Road Dandenong, 3175 Victoria, Australia

ACN# 088 609 661

SAFETY GUIDELINES

The symbols below are used throughout this owner's manual and on the power chair to identify warnings and important information. It is very important for you to read them and understand them completely.

WARNING! Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage, or malfunction. On the product, this icon is represented as a black symbol on a yellow triangle with a black border.

MANDATORY! These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol on a blue dot with a white border.

PROHIBITED! These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a black symbol with a red circle and red slash.

Quick Reference Information

Authorised Pride Provider:_____

Address:_____

Phone Number:_____

Purchase Date:_____

NOTE: This owner's manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products may cause slight variations between the illustrations and explanations in this manual and the product you have purchased.

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ACN **088 609 661**

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C O N T E N T S

I. INTRODUCTION 4

II. SAFETY 5

III. YOUR POWER CHAIR 13

IV. ASSEMBLY 20

V. COMFORT ADJUSTMENTS 23

VI. DISASSEMBLY 32

VII. OPERATION 33

VIII. BATTERIES AND CHARGING 37

IX. CARE AND MAINTENANCE 42

X. WARRANTY 48

I. INTRODUCTION

SAFETY

WELCOME to Pride Mobility Products Australia Pty. Ltd. (Pride). The product you have purchased combines state of the art components with **safety**, comfort, and styling in mind. We are confident the design features will provide you with the conveniences you expect during your daily activities. Understanding how to **safely** operate and care for this product should bring you years of trouble free operations and service.

Read and follow all instructions, warnings, and notes in this manual and all other accompanying literature before attempting to operate this product for the first time. In addition, your **safety** depends upon you, as well as your provider, carer, or healthcare professional in using good judgement.

If there is any information in this manual which you do not understand, or if you require additional assistance for setup or operation, please contact your authorised Pride Provider. **Failure to follow the instructions, warnings, and notes in this manual and those located on your Pride product can result in personal injury or product damage and void Pride's product warranty.**

PURCHASER'S AGREEMENT

By accepting delivery of this product, you promise that you will not change, alter, or modify this product or remove or render inoperable or unsafe any guards, shields, or other safety features of this product; fail, refuse, or neglect to install any retrofit kits from time to time provided by Pride to enhance or preserve the safe use of this product.

SHIPPING AND DELIVERY

Before using your power chair, make sure your delivery is complete as some components may be individually packaged. If you do not receive a complete delivery, please contact your authorised Pride Provider immediately. Where damage has occurred during transport, either to the packaging or content, please contact the delivery company responsible.

INFORMATION EXCHANGE

We want to hear your questions, comments, and suggestions about this manual. We would also like to hear about the safety and reliability of your new power chair, and about the service you received from your authorised Pride Provider.

Please notify us of any change of address, so we can keep you apprised of important information about safety, new products, and new options that can increase your ability to use and enjoy your power chair. Please feel free to contact us at the address below:

Pride Mobility Products Australia Pty. Ltd.
21 Healey Road
Dandenong, 3175
Victoria, Australia

NOTE: If you ever lose or misplace your product registration card or your copy of this manual, contact us and we will be glad to send you a new one immediately.

II. SAFETY

GENERAL GUIDELINES

MANDATORY! Do not operate your new power chair for the first time without completely reading and understanding this owner's manual.

Your power chair is a state-of-the-art life-enhancement device designed to increase mobility. Pride provides an extensive variety of products to best fit the individual needs of the power chair user. Please be aware that the final selection and purchasing decision regarding the type of power chair to be used is the responsibility of the power chair user, who is capable of making such a decision, and his/her healthcare professional (i.e., medical doctor, physical therapist, etc.).

The contents of this manual are based on the expectation that a mobility device expert has properly fitted the power chair to the user and has assisted the prescribing healthcare professional and/or the authorised Pride Provider in the instruction process for the use of the product.

There are certain situations, including some medical conditions, where the power chair user will need to practice operating the power chair in the presence of a trained attendant. A trained attendant can be defined as a family member or care professional specially trained in assisting a power chair user in various daily living activities.

As you begin using your power chair during daily activities, you will probably encounter situations in which you will need some practice. Simply take your time and you will soon be in full and confident control as you maneuver through doorways, on and off of lifts, up and down ramps, and over moderate terrain.

Below are some precautions, tips, and other safety considerations that will help you become accustomed to operating the power chair safely.

Modifications

Pride has designed and engineered your power chair to provide maximum mobility and utility. A wide range of accessories is available from your authorised Pride Provider to further customise your power chair to better suit your needs and/or preferences. However, under no circumstances should you modify, add, remove, or disable any feature, part, or function of your power chair.

WARNING! Do not modify your power chair in any way not authorised by Pride.

Pre-Ride Safety Check

Get to know the feel of your power chair and its capabilities. Pride recommends that you perform a safety check before each use to make sure your power chair operates smoothly and safely.

Perform the following inspections prior to using your power chair:

- Check for proper tyre inflation. Maintain **2.4 bar (35 psi)** in each tyre if equipped with pneumatic tyres.
- Check all electrical connections. Make sure they are tight and not corroded.
- Check all controller connections to the electronics tray. Make sure they are secured properly.
- Check the brakes. See IX. "Care and Maintenance."
- Check battery charge. See VIII. "Batteries and Charging."

NOTE: If you discover a problem, contact your authorised Pride Provider for assistance.

II. SAFETY

Weight Limitations

Your power chair is rated for a maximum weight capacity. Please refer to the specifications table for this limit.

WARNING! Stay within the specified weight capacity of your power chair. Exceeding the weight capacity voids your warranty. Pride will not be held responsible for injuries and/or property damage resulting from failure to observe weight limitations.

WARNING! Do not carry passengers on your power chair. Carrying passengers on your power chair may affect the centre of gravity, resulting in a tip or a fall.

Tyre Inflation

If your power chair is equipped with pneumatic tyres, you should check or have the air pressure checked regularly. Proper inflation pressures will prolong the life of your tyres and help ensure the smooth operation of your power chair.

WARNING! It is important that 2.4 bar (35 psi) tyre pressure be maintained in pneumatic tyres at all times. Do not underinflate or overinflate your tyres. Low pressure may result in loss of control, and overinflated tyres may burst. Failure to maintain 2.4 bar (35 psi) tyre pressure in pneumatic tyres at all times may result in tyre and/or wheel failure.

WARNING! Inflate your power chair drive tyres from a regulated air source with an available pressure gauge. Inflating your tyres from an unregulated air source could overinflate them, resulting in a burst tyre.

Incline Information

More and more buildings have ramps with specified degrees of inclination, designed for easy and safe access. Some ramps may have turning switchbacks (180-degree turns) that require you to have good cornering skills on your power chair.

- Proceed with extreme caution as you approach the downgrade of a ramp or other incline.
- Take wide swings with your power chair's front wheels around any tight corners. If you do that, the power chair's rear wheels will follow a wide arc, not cut the corner short, and not bump into or get hung up on any railing corners.
- When driving down a ramp, keep the power chair's speed adjustment set to the slowest speed setting to ensure a safely controlled descent.
- Avoid sudden stops and starts.

When climbing an incline, try to keep your power chair moving. If you must stop, start up again slowly and then accelerate cautiously. When driving down an incline, set your power chair to the slowest setting and drive in the forward direction only. If your power chair starts to move down the incline faster than you anticipated or desired, allow it to come to a complete stop by releasing the joystick, then push the joystick forward slightly to ensure a safely controlled descent.

WARNING! When climbing an incline, do not zigzag or drive at an angle up the face of the incline. Drive your power chair straight up the incline. This greatly reduces the possibility of a tip or a fall. Always exercise extreme caution when negotiating an incline.

WARNING! You should not travel up or down a potentially hazardous incline (i.e., areas covered with snow, ice, cut grass, or wet leaves).

WARNING! When on any sort of an incline or decline, never place the power chair in freewheel mode while seated on it or standing next to it.

WARNING! Never travel down an incline backward. Doing so may cause the power chair to tip. Always exercise extreme caution when negotiating an incline.

WARNING! Even though your power chair is capable of climbing slopes greater than those illustrated in figure 1, do not, under any circumstances, exceed the incline guidelines or any other specifications presented in this manual. Doing so could cause instability in your power chair.

The grade of most handicap ramps is 8.7% (5°). Therefore, Pride recommends that the maximum grade of an incline you attempt to safely ascend or descend on your power chair does not exceed 8.7% (5°). See figure 1.

WARNING! Any attempt to climb or descend a slope steeper than 8.7% (5°) may put your power chair in an unstable position and cause it to tip.

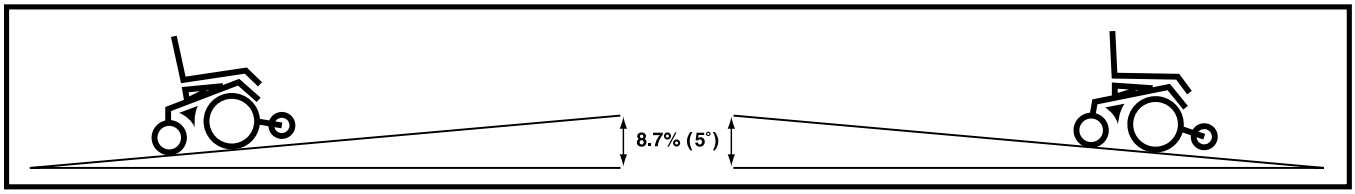

Figure 1. Maximum Safe Angle (Ascending and Descending)

Freewheel Mode

Your power chair is equipped with a manual freewheel lever to allow for manual maneuverability by a trained attendant. For more information about how to place your power chair into and out of freewheel mode, see III. "Your Power Chair."

WARNING! Do not use your power chair in freewheel mode without an attendant present.

WARNING! Do not attempt to personally place your power chair in freewheel mode while seated on it. Ask an attendant for assistance if necessary.

WARNING! Do not place your power chair in freewheel mode while on an incline. The chair could roll uncontrollably on its own.

Braking Information

Your power chair is equipped with two powerful brake systems:

1. Regenerative — uses electricity to rapidly slow the vehicle when the joystick returns to the centre/stop position.
2. Disc Park Brake — activates mechanically after regenerative braking slows the vehicle to near stop, or when power is removed from the system for any reason.

Cornering Information

While your power chair is equipped with rear caster wheels and front anti-tip wheels, excessively high cornering speeds can still create the possibility of tipping. Factors which affect the possibility of tipping include, but are not limited to: cornering speed, steering angle (how sharply you are turning), uneven road surfaces, inclined road surfaces, riding from an area of low traction to an area of high traction (such as passing from a grassy area to a paved area – especially at high speed while turning), and abrupt directional changes. High cornering speeds are not recommended. If you feel that you may tip over in a corner, reduce your speed and steering angle (i.e., lessen the sharpness of the turn) to prevent your power chair from tipping.

WARNING! When cornering sharply, reduce your speed. This greatly reduces the possibility of a tip or fall. Always exercise common sense when cornering.

Public Streets and Roadways

WARNING! You should not operate your power chair on public streets and roadways. Be aware that it may be difficult for traffic to see you when you are seated on your power chair. Obey all local pedestrian traffic rules. Wait until your path is clear of traffic, and then proceed with extreme caution.

Outdoor Driving Surfaces

Your power chair is designed to provide optimum stability under normal driving conditions—dry, level surfaces composed of concrete, blacktop, or tarmac. However, Pride recognises that there will be times when you will encounter other surface types. For this reason, your power chair is designed to perform admirably on packed soil, grass, and gravel. Feel free to use your power chair safely on lawns and in park areas.

- Reduce your power chair's speed when driving on uneven terrain and/or soft surfaces.
- Avoid tall grass that can entangle the running gear.
- Avoid loosely packed gravel and sand.
- If you feel unsure about a driving surface, avoid that surface.

Inclement Weather Precautions

Exposure of your power chair to inclement weather conditions should be avoided whenever possible. If suddenly caught up in rain, snow, severe cold or heat while operating your power chair, proceed to shelter at the earliest opportunity. Thoroughly dry your power chair before storing, charging, or operating your power chair.

WARNING! Operating in rain, snow, salt, mist/spray conditions, and on icy/slippery surfaces can have an adverse effect on the electrical system. Maintain and store your power chair in a dry and clean condition.

Stationary Obstacles (Steps, Kerbs, etc.)

Proceed with extreme caution when driving near raised surfaces, unprotected ledges and/or drop-offs (kerbs, porches, stairs, etc.). Be sure your power chair is traveling perpendicular to any kerb you may be required to navigate. See figure 2.

WARNING! Do not attempt to have your power chair climb or descend an obstacle that is higher than 5 cm unless you have the assistance of an attendant.

WARNING! Do not attempt to have your power chair proceed rearward down any step, kerb, or other obstacle. This may cause the power chair to tip.

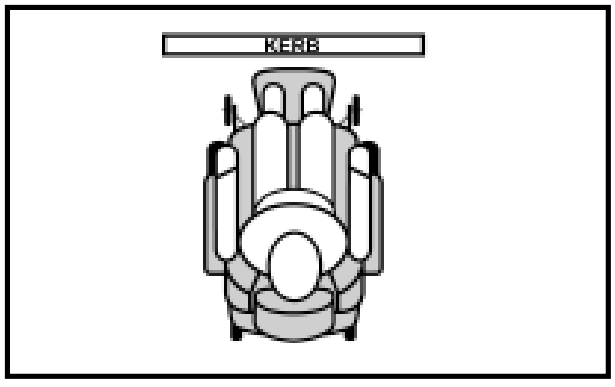

Figure 2. Correct Kerb Approach

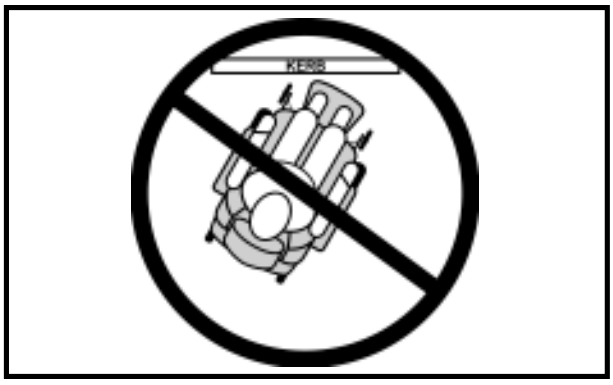

Figure 3. Incorrect Kerb Approach

Stairs and Escalators

Power chairs are not designed to travel up or down stairs or escalators. Always use a lift.

WARNING! Never use your power chair to negotiate steps or escalators.

Doors

- Determine if the door opens toward or away from you.
- Drive your power chair gently and slowly forward to push the door open. Or drive your power chair gently and slowly rearward to pull the door open.

Lifts

Modern lifts have a door edge safety mechanism that, when pushed, reopens the lift door(s).

- If you are in the doorway of a lift when the door(s) begin to close, push on the rubber door edge or allow the rubber door edge to contact the power chair and the door will reopen.
- Use care that handbags, packages, or power chair accessories do not become caught in lift doors.

Lift/Elevation Products

If you will be traveling with your power chair, you may find it necessary to use a lift/elevation product to aid in transportation. Pride recommends that you closely review the instructions, specifications, and safety information set forth by the manufacturer of the lift/elevation product before using that product.

WARNING! Never sit on your power chair when it is being used in connection with any type of lift/elevation product. Your power chair was not designed with such use in mind and any damage or injury incurred from such use is not the responsibility of Pride.

Motor Vehicle Transport

Pride recommends that you do not remain seated in your power chair while traveling in a motor vehicle. The power chair should be stowed in the boot of a car or in the back of a truck or van with the batteries removed and properly secured.

WARNING! Do not sit on your power chair while it is in a moving vehicle. .

WARNING! Always be sure your power chair and its batteries are properly secured when it is being transported.

Positioning Belts

Your authorised Pride Provider, therapist(s), and other healthcare professionals are responsible for determining your requirement for a positioning belt in order to operate your power chair safely.

WARNING! If you require a positioning belt to safely operate your power chair, make sure it is fastened securely in order to reduce the possibility of a fall from the power chair.

WARNING! The positioning belt is not designed for use as a seat belt in a motor vehicle. Nor is your power chair suitable for use as a seat in any vehicle. Anyone traveling in a vehicle should be properly belted into seats approved by the vehicle manufacturer.

II. SAFETY

Batteries

In addition to following the warnings below, be sure to comply with all other battery handling information. For more information about your power chair's batteries, see VIII. "Batteries and Charging."

WARNING! Power chair batteries are heavy. See the specification table. If you are unable to lift that much weight, be sure to get help. Avoid lifting beyond your capacity.

WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

WARNING! Always protect the batteries from freezing and never charge a frozen battery. Charging a frozen battery may result in damage to the battery.

WARNING! Connect your battery harnesses in the proper manner. RED (+) cables must be connected to positive (+) battery terminals/posts. BLACK (-) cables must be connected to negative (-) battery terminals/posts. REPLACE cables immediately if damaged.

Removable Parts

WARNING! Do not attempt to lift or move a power chair by any of its removable parts, including the armrests, seat, foot riggings, controller, and shrouds.

Preventing Unintended Movement

WARNING! If you anticipate being seated in a stationary position for an extended period of time, turn off the power. This will prevent unexpected motion from inadvertent joystick contact. This will also eliminate the possibility of unintended chair movement from electromagnetic (EM) sources.

Reaching and Bending

Never reach, lean, or bend while driving your power chair. If it is absolutely necessary to reach, lean, or bend while seated on your power chair, it is important to maintain a stable centre of gravity and keep the power chair from tipping. Pride recommends that the power chair user determine his/her personal limitations and practice bending and reaching in the presence of a qualified healthcare professional.

WARNING! Do not bend forward, lean forward, or reach for objects if you have to pick them up from the floor by reaching down between your knees. Such movements may change your centre of gravity and the weight distribution of the power chair. This may cause your power chair to tip.

WARNING! Keep your hands away from the tyres when driving. Be aware that loose fitting clothing can become caught in drive tyres.

Transfers

Transferring onto and off of your power chair requires a good sense of balance. See figure 4. Always have an attendant or healthcare professional present while learning to properly transfer yourself.

Figure 4. Transfer Position

To eliminate the possibility of injury, Pride recommends that you or a trained attendant perform the following tasks before attempting a transfer:

- Turn off the power to the controller.
- Ensure your power chair is not in freewheel mode. See III. "Your Power Chair."
- Turn both caster wheels toward the transfer destination to improve power chair stability during transfer.
- Make sure both armrests are flipped up or remove from your power chair.
- Flip the foot platform up, or move the leg rests aside; this will help to keep your feet from getting caught on the foot riggings during the transfer.
- Reduce the distance between your power chair and the object you are transferring onto.

WARNING! Before transferring, position yourself as far back as possible in the power chair seat to prevent the power chair from tipping forward during transfer.

WARNING! Avoid putting all of your weight on the power chair armrests and do not use the armrests for weight bearing purposes, such as transfers. Such use may cause the power chair to tip, resulting in a fall from the power chair.

WARNING! Avoid putting all of your weight on the foot riggings. Such use may cause the power chair to tip.

Prescription Drugs/Physical Limitations

Users must exercise care and common sense when operating a power chair. This includes awareness of safety issues when taking prescribed or over-the-counter drugs or when the user has specific physical limitations.

WARNING! Consult your physician if you are taking prescribed or over-the-counter medication or if you have certain physical limitations. Some medications and limitations may impair your ability to operate your power chair in a safe manner.

Alcohol/Smoking

The power chair user must exercise care and common sense when operating his/her power chair. This includes awareness of safety issues while under the influence of alcohol or while smoking.

WARNING! Do not operate your power chair while you are under the influence of alcohol, as this may impair your ability to operate your power chair in a safe manner.

WARNING! Although the power chair seat has passed the necessary testing requirements for cigarette smoke, Pride recommends that you adhere to the following safety guidelines:

- Do not leave lit cigarettes unattended.
- Keep ashtrays a safe distance from the seat cushions.
- Always make sure cigarettes are completely extinguished before disposal.

Electromagnetic and Radio Frequency Interference (EMI/RFI)

WARNING! Laboratory tests have shown that electromagnetic and radio frequency waves can have an adverse affect on the performance of electrically-powered mobility vehicles.

Electromagnetic and Radio Frequency Interference can come from sources such as cellular phones, mobile two-way radios (such as walkie-talkies), radio stations, TV stations, amateur radio (HAM) transmitters, wireless computer links, microwave signals, paging transmitters, and medium-range mobile transceivers used by emergency vehicles. In some cases, these waves can cause unintended movement or damage to the control system. Every electrically-powered mobility vehicle has an immunity (or resistance) to EMI. The higher the immunity level, the greater the protection against EMI. This product has been tested and has passed at an immunity level of 20 V/m.

WARNING! Be aware that cell phones, two-way radios, laptops, and other types of radio transmitters may cause unintended movement of your electrically-powered mobility vehicle due to EMI. Exercise caution when using any of these items while operating your mobility vehicle and avoid coming into close proximity of radio and TV stations.

WARNING! The addition of accessories or components to the electrically-powered mobility vehicle can increase the susceptibility of the vehicle to EMI. Do not modify your power chair in any way not authorised by Pride.

WARNING! The electrically-powered mobility vehicle itself can disturb the performance of other electrical devices located nearby, such as alarm systems.

NOTE: For further information on EMI/RFI, visit the Resource Center on www.pridemobility.com. If unintended motion or brake release occurs, turn your power chair off as soon as it is safe to do so. Contact your authorised Pride Provider to report the incident.

THE JAZZY 1122

Your power chair has two main assemblies: the seat and the power base. See figure 5. Typically, the seating assembly includes the armrests, seatback, and controller. The power base assembly includes two drive wheels, two anti-tip wheels, two rear caster wheels, a power seat connector (optional), harness connectors, and a body shroud. See figures 5 and 6.

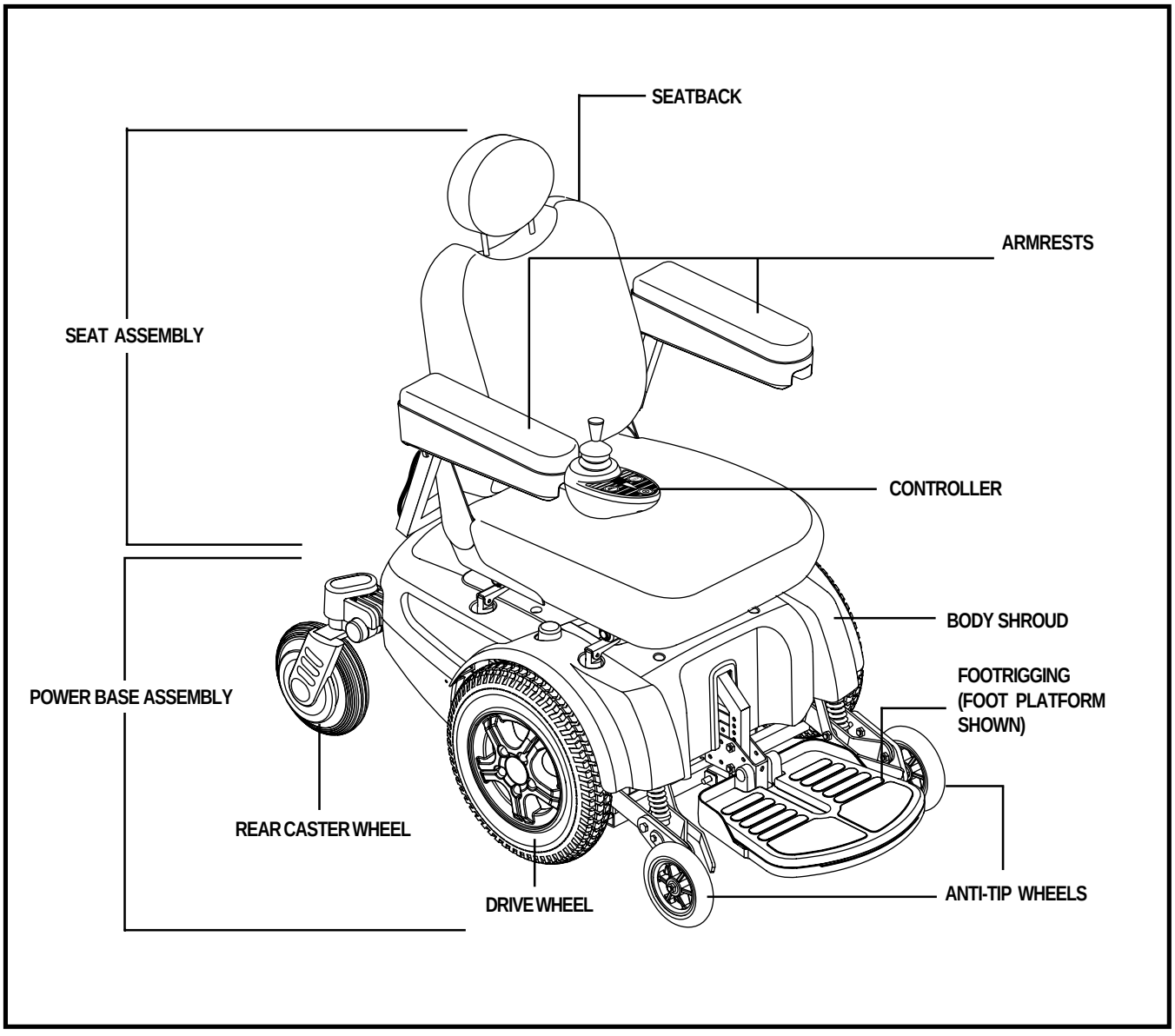

Figure 5. The Jazzy 1122

Specifications	
Suspension:	Active-Trac (ATS) and Rear Suspension
Drive Wheels:	35.5 cm, pneumatic or solid, centre-mounted
Caster Wheels:	20 cm, solid, rear articulating
Anti-tip Wheels:	15.25 cm, solid, front mounted
Maximum Speed:[1]	Up to 9.5 km/h (Up to 10 km/h with High Speed Option)
Range:	Up to 40 km
Brakes:	"Intelligent Braking," electronic regenerative, disc park brake
Ground Clearance:[2]	8.25 cm
Turning Radius:[2]	53.25 cm
Overall Size:[2]	Length: 103 cm Width: 64.5 cm
Drivetrain:	Two motor, mid-wheel
Batteries:[3]	Two 12-volt deep-cycle, Group 24 batteries (NF-22 batteries for the power seat option)
Battery Charger:	5-amp, onboard Off-board (optional)
Motor Controller:	100-amp PG Remote Plus Controller
Weight Capacity:	136 kg
Component Weights:	Base: 58.5 kg Euro Seat: 18 kg Batteries: 24.25 kg each
Maximum Safe Slope:	8.7% (5º)
Maximum Climbing Ability:	8.7% (5º)
Maximum Obstacle Climbing Ability:	5 cm

1 Varies with base model, user weight, terrain type, battery amp hour rating (AH), battery charge, battery condition, motors, controller type, tyre type, and tyre condition.

2 Due to manufacturing tolerances and continued product improvement, this specification can be subject to a variance of (+ or –) 3%.

3 AGM or Gel-Cell type recommended.

Electronics Tray

The electronics tray is located on the rear of your power chair. The electronics tray is located underneath the rear sliding door and consists of the ammeter, the charger power lead receptacle, the main circuit breaker, accessory connector (optional equipment), and the controller harness connectors. See figure 6.

Ammeter: The ammeter displays the charger's current output in amps. See VIII. "Batteries and Charging."

Charger Power Lead Receptacle: This receptacle is used whenever your battery needs recharging.

Main Circuit Breaker: The main circuit breaker is a safety feature built into your power chair. When the batteries and the motors are heavily strained (e.g., from excessive loads), the main circuit breaker trips to prevent damage to the motors and the electronics. If the circuit trips, allow your power chair to "rest" for approximately one minute. Next, push in the circuit breaker button, turn on the controller, and continue normal operation. If the main circuit breaker continues to trip repeatedly, contact your authorised Pride Provider.

Accessory Connector (Optional): This is where the accessory harness connects to the controller (power seat, lighting).

Controller Connector: This is where the controller connects to the power module. Each controller uses a different type of cable. Regardless of which type of controller is used, the cable must be secured to the seat assembly and not allowed to drag on the floor.

Power Seat Connector (Optional): This is for the optional power seat switch.

Charger Inhibit Connector (not shown): Enables the onboard battery charger to disable the controller during charging. See VII. "Operation."

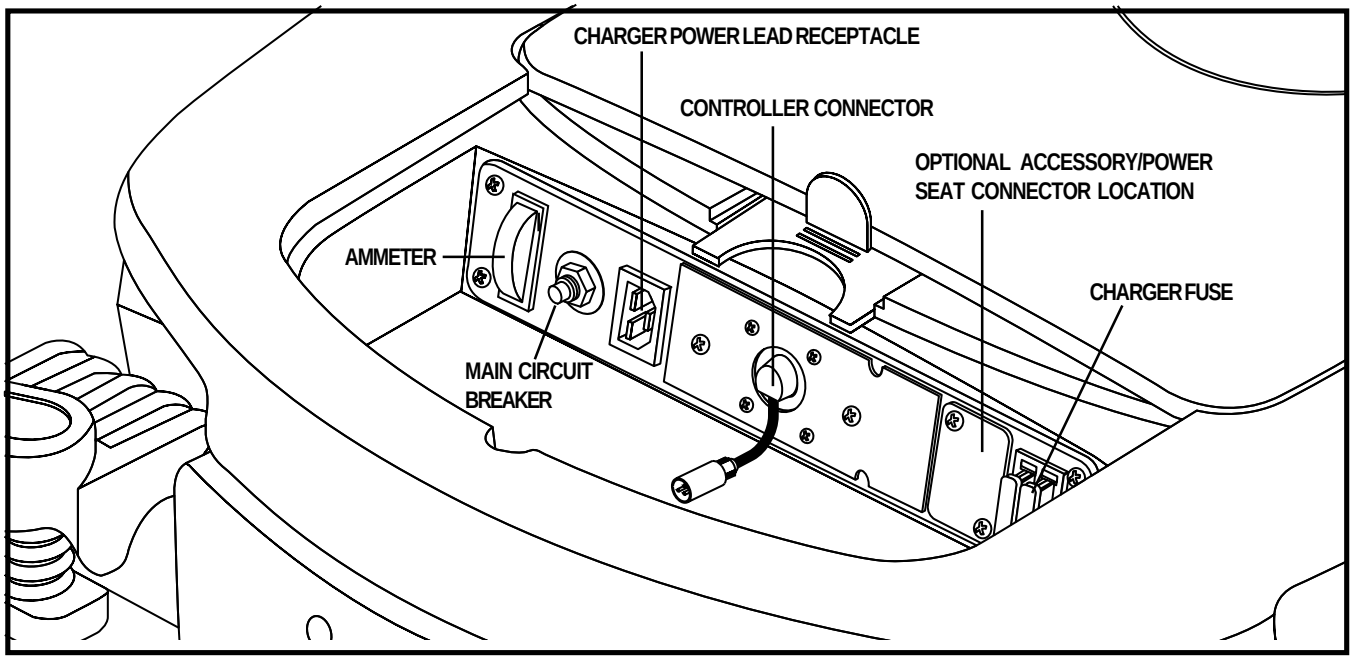

Figure 6. Electronics Tray

Dual Manual Freewheel Levers

For your convenience, your power chair is equipped with dual manual freewheel levers. Depending on the motor package, the levers are located on the inside of the anti-tip wheels or on each motor. The levers allow you to disengage the drive motors and maneuver the chair manually.

WARNING! Do not use the power chair while the drive motors are disengaged! Do not disengage the drive motors when the power chair is on an incline, as the unit could roll on its own! Only engage the freewheel mode when on a level surface.

WARNING! It is important to remember that when your power chair is in freewheel mode, the braking system is disengaged.

To operate the dual manual freewheel levers:

1. Locate the levers on the inside of the anti-tip wheels.
2. Pull up both manual freewheel levers for freewheel mode (drive motors disengaged). See figure 7.
3. Push down both manual freewheel levers for drive mode (drive motors engaged). See figure 8.

NOTE: If a lever is difficult to move in either direction, rock your power chair back and forth slightly. The lever should then move to the desired position.

To operate the dual manual freewheel levers for high speed motors:

1. Locate the levers behind each drive wheel.
2. Push down both manual freewheel levers for freewheel mode (drive motors disengaged). See figure 9.
3. Pull up both manual freewheel levers for drive mode (drive motors engaged). See figure 10.

NOTE: You must turn off the power before disengaging the drive motors, otherwise you may get an error code on the controller. To clear this code, turn off the controller and place the power chair in drive mode, then turn the controller back on. If this does not clear the error code, contact your authorised Pride Provider.

NOTE: The power chair will be significantly easier to push with the controller power turned off.

WARNING! Do not use the freewheel lever handles as tie-down points to secure this product.

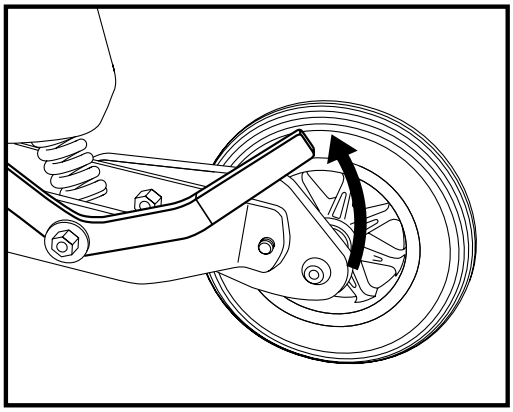

Figure 7. Freewheel Mode (Drive Motors Disengaged - left side shown)

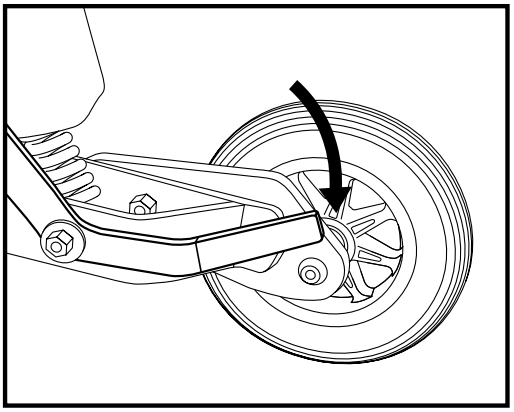

Figure 8. Drive Mode (Drive Motors Engaged -left side shown)

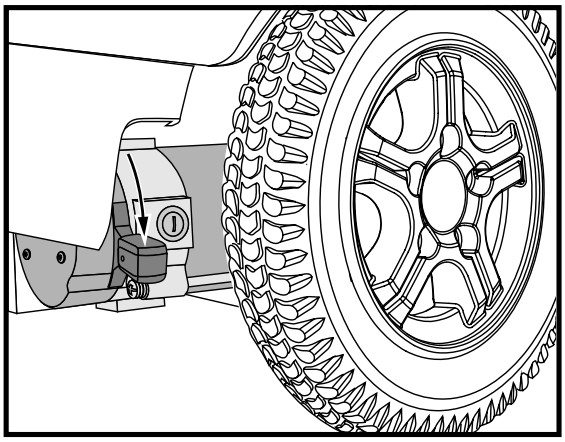

Figure 9. Freewheel Mode (Drive Motors Disengaged)

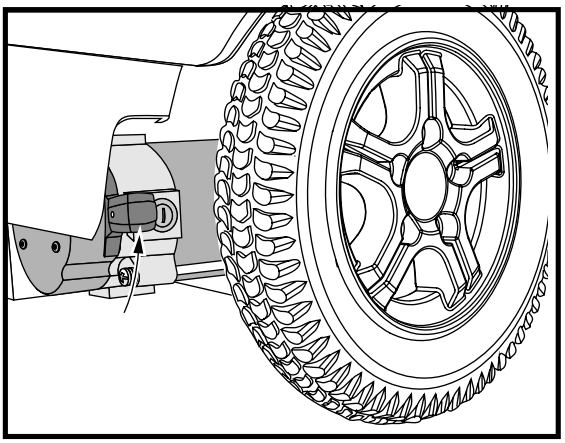

Figure 10. Drive Mode (Drive Motors Engaged)

Hammer Motor Package

Your power chair is equipped with two powerful Hammer motors. These are right angle motors capable of producing one horsepower of peak output each. Follow the suggestions below to help ensure peak motor performance.

- Maintain an even speed when negotiating obstacles. If you encounter a situation where you have stalled the motors, immediately release the joystick. Adjust the controller to a higher drive profile and attempt to move over the obstacle. If you still encounter a stall condition, back away from the obstacle, then drive forward, maintaining momentum as you negotiate over the obstacle.

WARNING! Prevent motor damage! Immediately release the joystick if the motors stall. Failure to release the joystick within 5 seconds of motor stall may cause the motors to overheat, resulting in damage to the motors, lack of motor performance, and/or increased motor noise.

Active-Trac Suspension

Your power chair is equipped with Active-Trac Suspension (ATS). ATS is a suspension system designed to make your power chair traverse different types of terrain and obstacles while maintaining smooth operation. With ATS, the front anti-tip wheels work in conjunction with the motor suspension to help you maneuver over obstacles.

As your front anti-tip wheels come in contact with an obstacle, the front anti-tip wheel assembly is drawn upward. At the same time, the motors are forced downward. This allows the motors to push the power chair over an obstacle and limits the possibility of your power chair getting caught on the obstacle.

ATS also helps in day-to-day operating conditions. For instance, when you release the joystick your power chair begins to slow down. As the chair slows down, the front anti-tip wheels will automatically drop toward the ground. This will reduce the forward tip that is typically encountered with centre-wheel drive chairs.

Rear Suspension

Your power chair is equipped with rear suspension. See figure11. This suspension system works in conjunction with ATS and is designed to maintain a smooth ride when driving over rough terrain and up and down kerbs. This system works by allowing the caster forks to respond to weight transfers and uneven terrain. The rear caster wheels will pivot as you drive over obstacles. This system also enhances performance when the front anti-tip wheels are set lower to the surface.

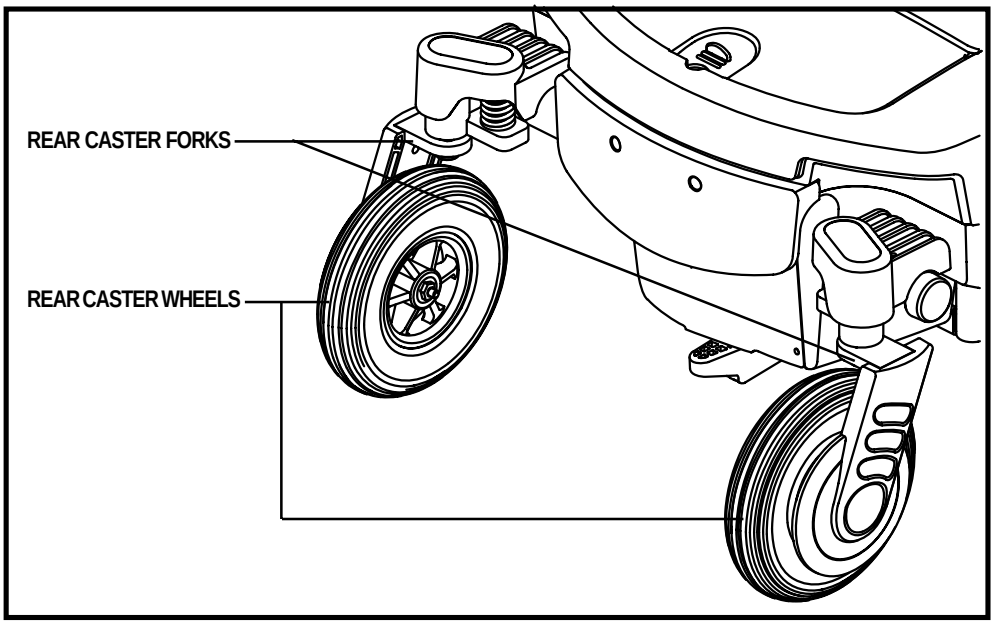

Figure 11. Rear Suspension System

Manual Park Brakes

Your power chair may be equipped with a manual park brake mounted on each drive motor. The manual park brakes work in conjunction with the electromagnetic brakes to help prevent your power chair's wheels from moving when your power chair is parked. After you release the joystick and your wheels are completely stopped, push the manual park brake lever down to engage it. See figure 12. To disengage the manual park brake, pull the manual park brake lever up. See figure 13.

WARNING! Do not attempt to use either manual park brake lever to stop your power chair.

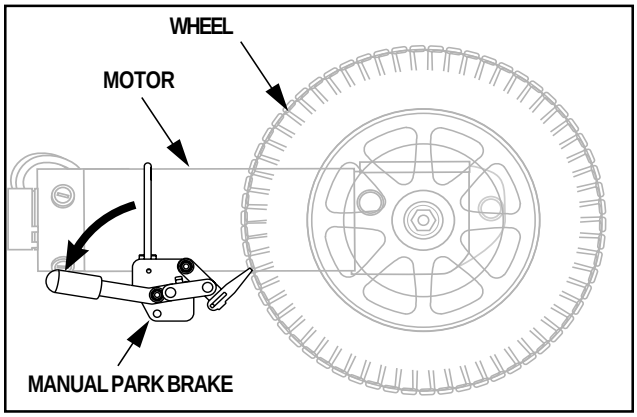

Figure 12. Manual Park Brake Engaged

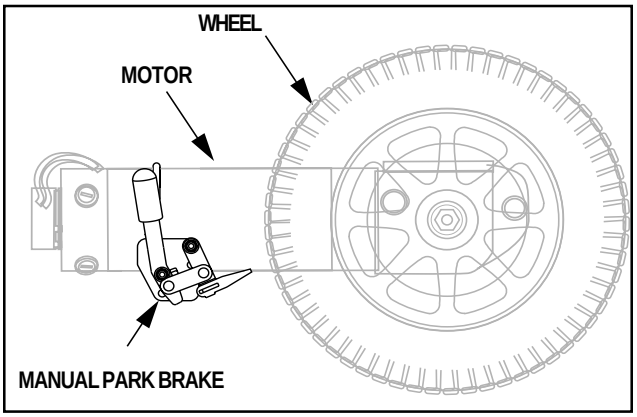

Figure 13. Manual Park Brake Disengaged

Initial Assembly

Your power chair may require some assembly either before initial use or after transportation.| It may also requre disassembly to make some comfort adjustments.

Euro Seat Installation (Standard)

It may be necessary to install the seat either prior to initial operation or after transporting your power chair. The standard seat installation method incorporates four (4) adjustable seat towers located on the seat frame and four (4) seat mount connectors located on the power base.

NOTE: Any nylon insert lock nut removed during the disassembly or adjustment of the power chair must be replaced with a new nut. Nylon insert lock nuts should not be reused as it may cause damage to the nylon insert, resulting in a less secure fit. Replacement nylon insert lock nuts are available at local hardware stores or through your authorised Pride Provider.

NOTE: Pride recommends that a minimum of two people install the seat.

NOTE: If your power chair is equipped with a Synergy Seat or a TRU-Balance Power Positioning System, refer to the information provided in separate manuals.

To install the Euro Seat:

1. Remove the retaining clips from each seat mount connector on the power base. See figure 14.
2. Lift the seat frame over the power base and line up each seat tower with a seat mount connector.
3. Slide the seat towers into the seat mount connectors and secure with the retaining clips at the desired height.
4. Route the controller cable to ensure that it cannot be pinched in the seat frame.
5. Plug the controller connector into the electronics tray. See figure 6.
6. Secure the controller cable to the armrest receiver with one or more wire ties.

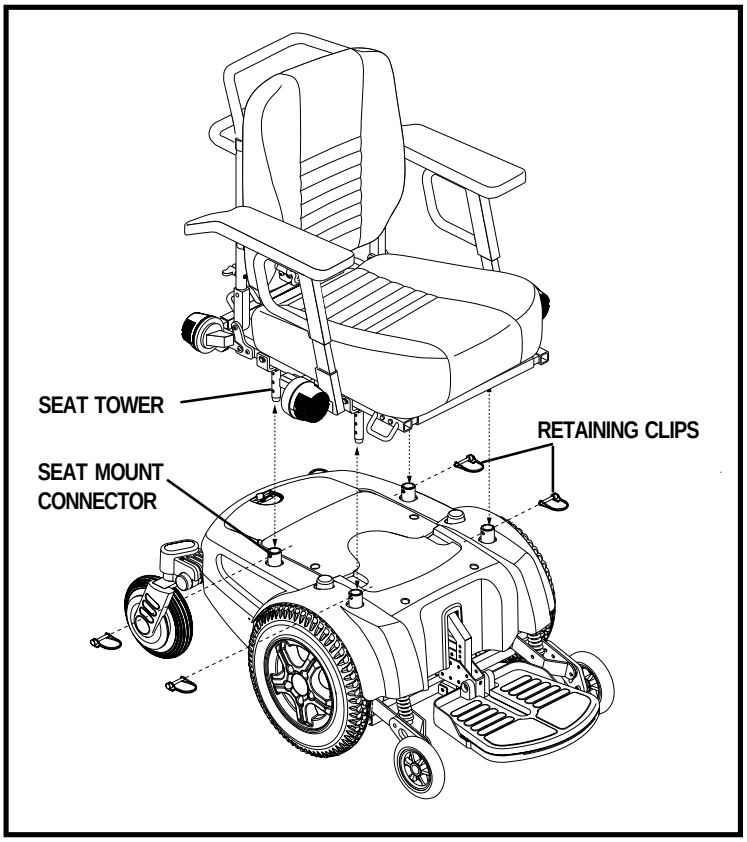

Figure 14. Euro Seat Installation

Contour Seat Installation (Optional)

The Universal Mounting System (UMS) is an optional seat installation method that consists of universal parts that may be attached to any medium-back or high-back contour seat, regardless of seat width or seat depth. The two main components are aluminum extrusions mounted to the seat base. These extrusions attach to a pair of trapeze bars that are mounted to the power base. See figure 15.

WARNING! Do not pick up the seat frame by the armrests. They are free to pivot, and you may lose control of the seat if they do so.

To install the seat:

1. Set the trapeze bars to the desired height. To change the trapeze bar height, see V. "Comfort Adjustments."
2. Tilt the seat back and slide the rear extrusion onto the rear trapeze bar. See figure 16.
3. Lower the front extrusion onto the front trapeze bar until the seat locks into place.
4. Flip the seat latch safety down.

WARNING! Make sure the seat latch safety is flipped down before using your power chair.

Power Seat Installation (Optional)

Your power chair may be equipped with the power seat option. While the seat itself may be any one of the styles offered for this model, the way the seat base attaches to the power chair base is different.

To install the power seat:

l. Align the seat post on the seat base with the hole in the actuator. See figure 16.
2. Insert the seat post into the actuator and push the seat lever forward to secure.
3. Plug the power elevating seat switch cable into the connector on the electronics tray.

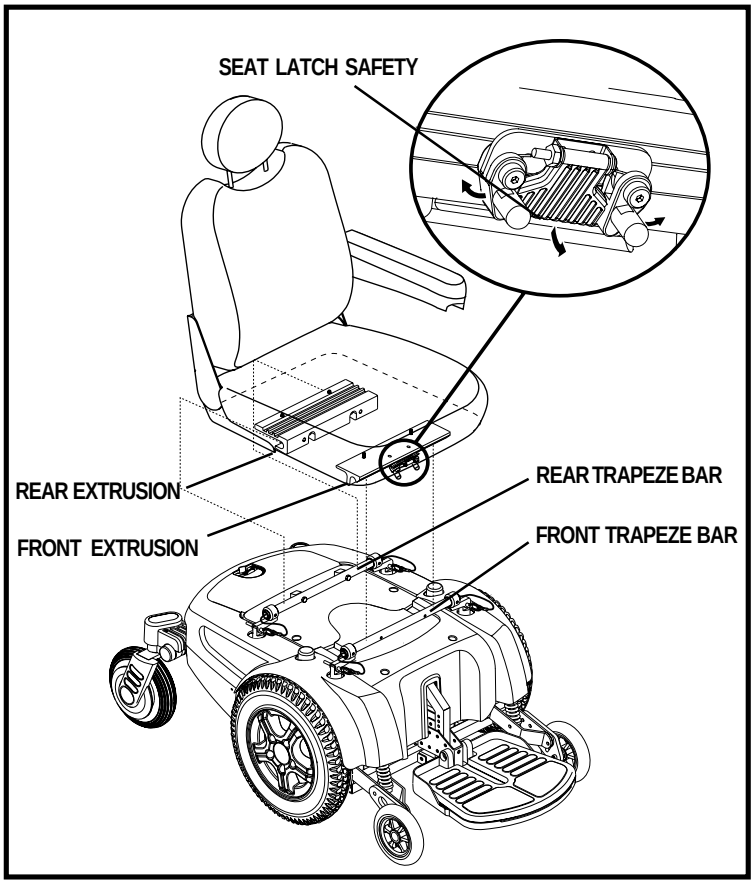

Figure 15. Seat Installation

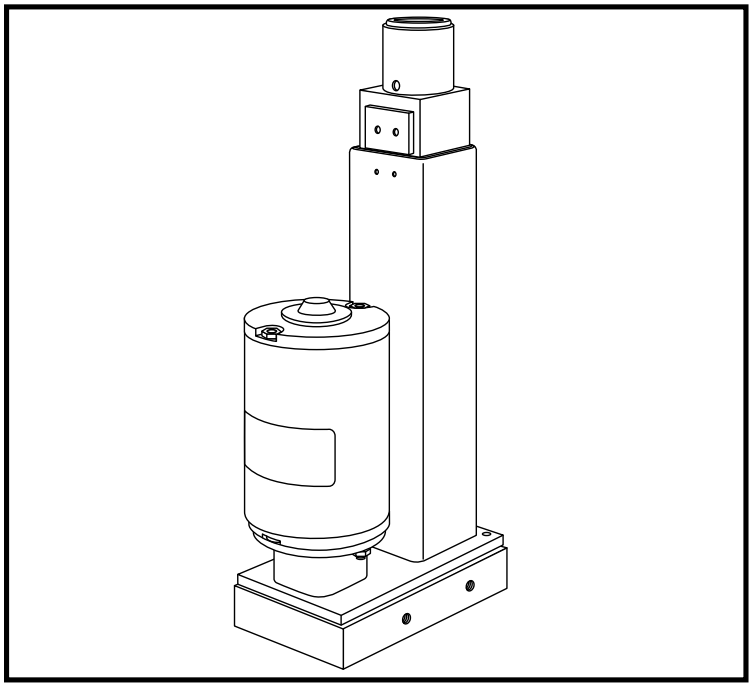

Figure 16. Power Seat Actuator

Controller Installation

Depending on the various configurations and options you have chosen for your power chair, it may have been shipped without the controller module installed in the armrest.

To install the controller (Euro Seat):

1. Loosen the button head screws on the figure 8 clamp assembly located on the armrest. See figure 17.
2. Slide the controller mounting bracket into or out of the clamp assembly to the desired position.
3. Tighten the button head screws.

To install the controller (Contour Seat):

1. Flip up either the right or left armrest.
2. Loosen the setscrew on the underside of the armrest. See figure 18.
3. Slide the controller into the armrest.
4. Tighten the setscrew and lower the armrest.
5. Route the controller cable so that it cannot be pinched in the seat hinge.
6. Remove the rear lid to expose the electronics tray.
7. Plug the controller connector(s) into the electronics tray. See figure 6.
8. Secure the controller cable to the armrest receiver with one or more wire ties.

WARNING! Do not place the controller cable so that it can be pinched in the seat frame or power base frame.

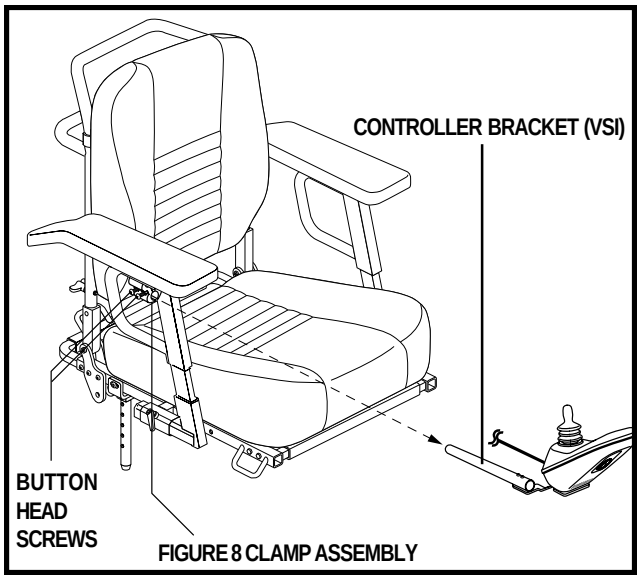

Figure 17. Controller Installation (Euro Seat)

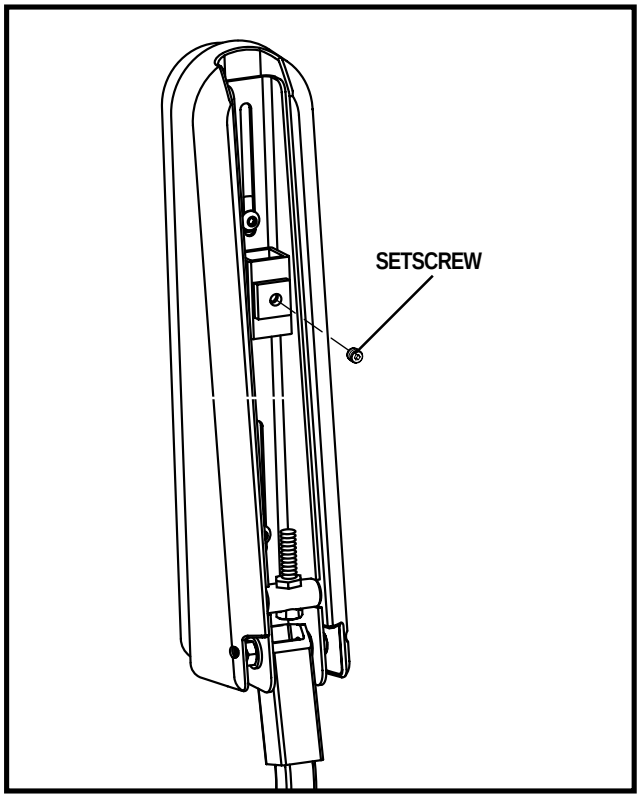

Figure 18. Controller Installation (Contour Seat)

V. COMFORT ADJUSTMENTS

COMFORT ADJUSTMENTS

After becoming familiar with your power chair's operation, you may find the need to make some adjustments to increase your comfort, such as seat height and angle, armrest width, armrest angle and height, controller position, and foot platform height, depth, and angle.

NOTE: If your power chair is equipped with a Synergy Seat or TRU-Balance Power Positioning System, refer to the information provided in separate manuals. If your power chair is equipped with a Euro Seat, medium-back contour seat, or high-back contour seat, refer to the following information.

WARNING! If your power chair was configured at your authorised Pride Provider or service centre, please consult your healthcare professional before changing the seat position or making any other adjustment. Some adjustments may degrade your power chair's performance and safety by changing its centre of gravity.

WARNING! Some power chair components are heavy. Please refer to the specification table for specific component weights before you disassemble the power chair.

WARNING! Remove the occupant from the power chair before making any adjustment.

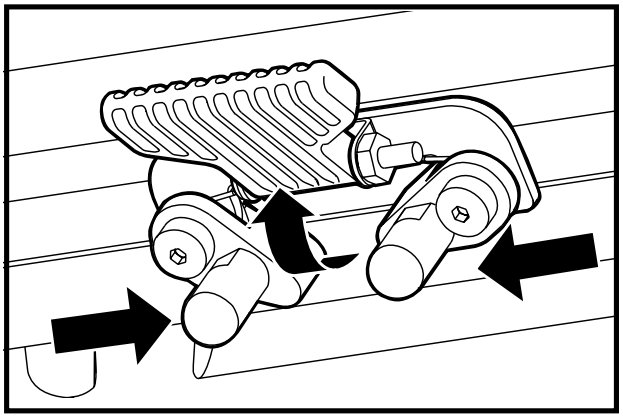

Figure 19. Seat Latch Safety (Disengaged)

You may need the following to make comfort adjustments:

- thread lock
- metric/standard socket set and ratchet
- adjustable spanner

Seat Height and Seat Angle Adjustment

You can change the seat height to several positions by adjusting the seat tower position.

To change the Euro Seat height:

1. Remove the retaining clip from each seat mount connector. See figure 14.
2. Raise or lower each seat tower to the desired position and secure with a retaiing clip.

NOTE: To change the seat angle (dump), set either the front or rear posts higher or lower than the other.

To change the Contour Seat height:

1. Turn off the power to the controller.
2. Unplug the controller connector from the electronics tray.
3. Flip up the seat latch safety. See figure 19.
4. Squeeze the seat latch and release the seat from the front trapeze bar.

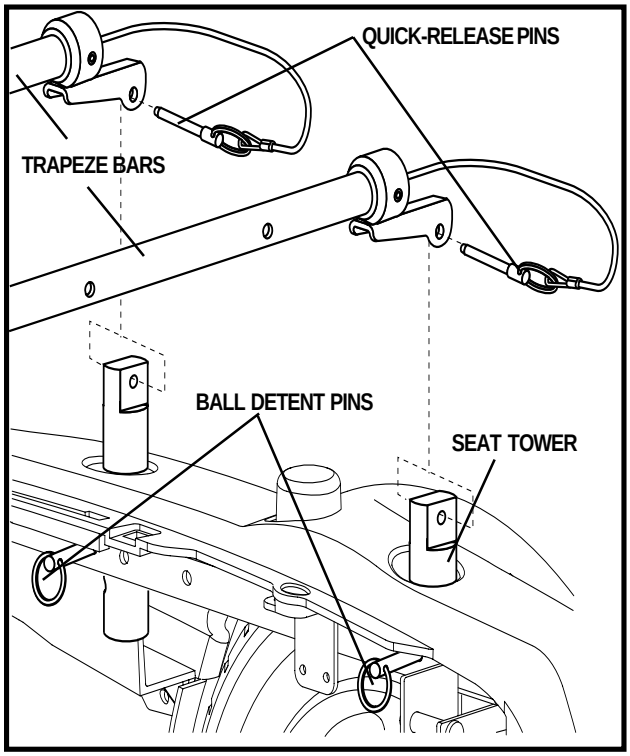

Figure 20. Contour Seat Height Adjustment

5. Slide the seat forward and remove it from the power base.
6. Remove the quick-release pins from the seat towers (front and rear). See figure 20.
7. Remove both trapeze bars from the seat towers.
8. Lift off the shroud.
9. Remove the ball detent pin from each of the four seat towers. See figure 20.
10. Move the seat towers up or down to the desired height.
11. Reinstall the ball detent pin into each seat tower.
12. Reinstall the shroud.
13. Reinstall the trapeze bars and secure with the quick-release pins.
14. Reinstall the seat.

NOTE: Make sure the seat latch safety is flipped down before using the power chair seat.

15. Plug the controller connector into the electronic tray.

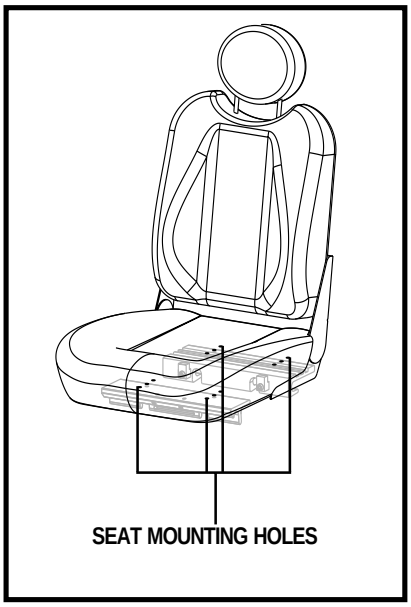

Figure 21. Seat Position Adjustment

Contour Seat Position Adjustment

To change the seat position:

1. Turn off the power to the controller.
2. Unplug the controller connector from the electronics tray.
3. Remove the seat from the power base.
4. Remove both extrusions from the bottom of the seat.
5. Reposition the extrusions on a different set of mounting holes. You must move both extrusions the same number of holes either forward or rearwards. See figure 21.
6. Fasten the extrusions back onto the bottom of the seat.
7. Reinstall the seat.
8. Plug the controller connector into the electronics tray.

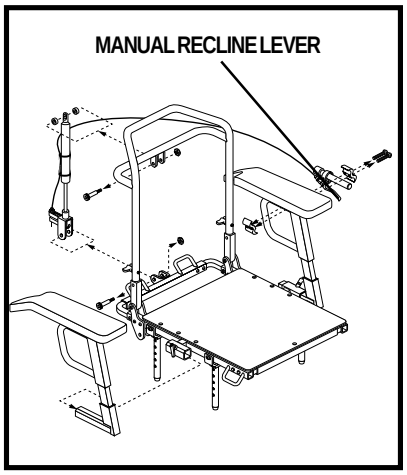

Figure 22. Manual Recline Seatback Adjustment

Headrest Adjustment (Optional)

If your power chair is equipped with the deluxe high-back contour seat, you can adjust the headrest height.

To adjust the headrest height:

1. Push in the headrest release button.
2. Move the headrest up or down to the desired position.

Manual Recline Seatback Adjustment

Your seat may be equipped with equipped with a manual recline lever that allows you to adjust the seatback angle.

To adjust the Euro Seat seatback angle:

1. With your back pressed firmly against the seatback, squeeze the manual recline lever mounted to the armrest. See figure 22.
2. Set the seatback at the desired angle by leaning forward or back.
3. Release the manual recline lever when the seatback is at the desired angle.

To adjust the Contour seatback angle:
1. Pull up on the seatback release lever.
2. Move the seatback up or down to the desired position.
3. Release the lever.

Contour Seatback Angle Adjustment

If your power chair is equipped with an adjustable seatback, you can adjust it to four (4) different angles: 90°, 102°, 105°, or 107°.

To adjust the seatback angle:
1. Remove the seatback angle adjustment screws from both seat hinges. See figure 23.
2. Set the seatback at the desired angle.
3. Reinstall the screws on both seat hinges and tighten.

Armrest Width Adjustment

You can change each armrest's width independently of the other.

To adjust the Euro Seat armrest width:
1. Loosen the securement screws located on the bottom of the armrest receiver bracket. See figure 24.
2. Slide the armrest in or out to the desired position.
3. Tighten the screws to secure the armrest.

NOTE: Changing the armrest width may increase the overall width of your power chair.

To adjust the Contour Seat armrest width:
1. Locate the two adjustment knobs on each side of the armrest receiver bracket. See figure 23.
2. Loosen the knobs.
3. Slide the armrests in or out to the desired width.
4. Tighten the knobs.

Contour Seat Armrest Angle Adjustment

To change the armrest angle:
1. Lift the armrest straight up so that it is perpendicular to the floor.
2. Loosen the locking nut. See figure 23.
3. Turn the adjusting screw to raise or lower the front of the armrest.
4. Tighten the locking nut to lock the adjusting screw into place.

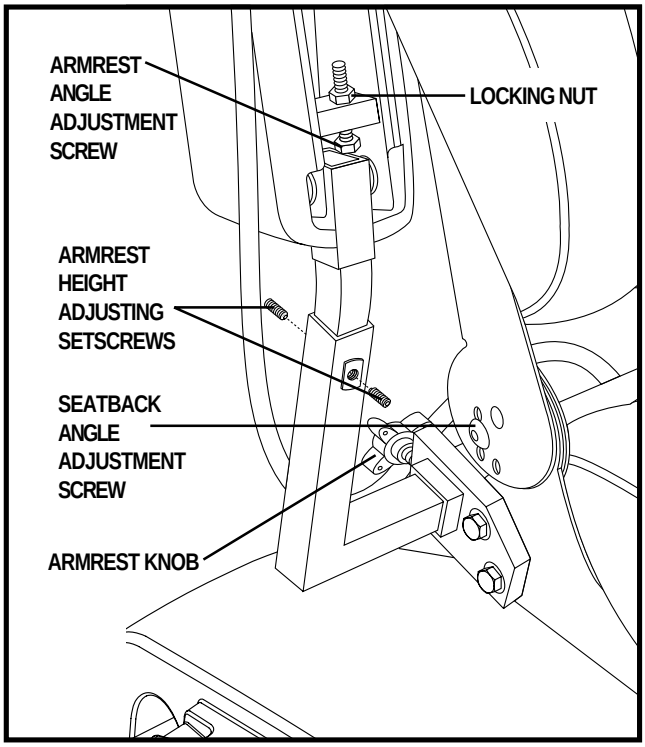

Figure 23. Contour Seat Adjustments

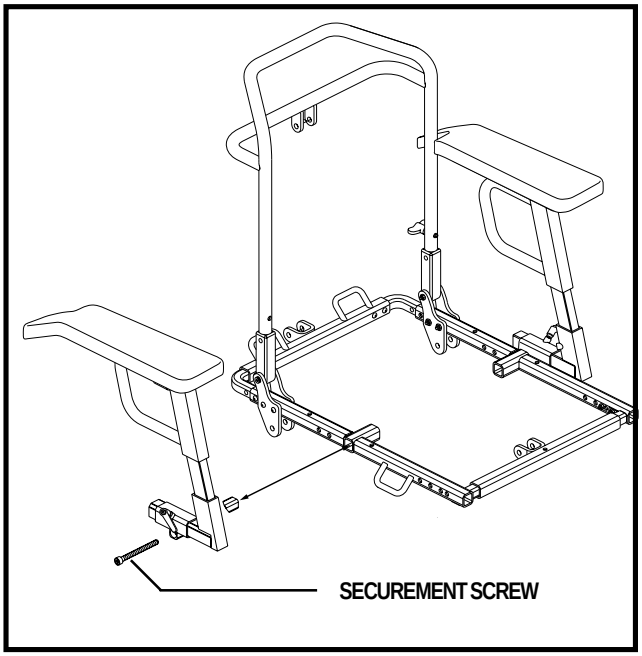

Figure 24. Armrest Width Adjustment

Euro Seat Armrest Height Adjustment

You can adjust the Euro Seat armrest height to one of four positions in either 1.27 cm or 2.5 cm increments.

To adjust the height in 1.27 cm increments:

1. Remove the height adjustment screw from the armrest. See figure 25.
2. Raise or lower the upper armrest.
3. Align the adjustment holes in the lower armrest with the bottom hole in the upper armrest.
4. Reinstall the screw to secure the armrest.

To adjust the height in 2.5 cm increments:

1. Remove the height adjustment screw from the armrest. See figure 25.
2. Raise or lower the armrest.
3. Align the adjustment holes in the lower armrest with the top hole in the upper armrest
4. Reinstall the screw to secure the armrest.

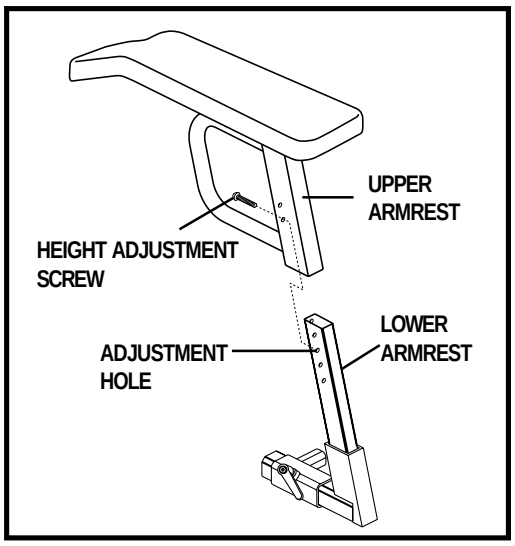

Figure 25. Armrest Height Adjustment

Contour Seat Armrest Height Adjustement

To change the armrest height:

1. Loosen the two setscrews located on the armrest receiver.
2. Raise or lower the armrest to the desired height.
3. Tighten the setscrews to secure the armrest.

Euro Seat Armrest Position Adjustment

The armrest position can be adjusted forward or back for operator comfort.

To adjust the armrest position:

1. Turn the armrest receiver lock anticlockwise to loosen. See figure 26.
2. Slide the armrest forward or back to the desired position.
3. Turn the armrest receiver lock clockwise to secure the armrest in the desired position.
3. Align the adjustment holes in the armrest pad and the armrest pad receiver.
4. Reinstall the screws to secure the armrest pad.

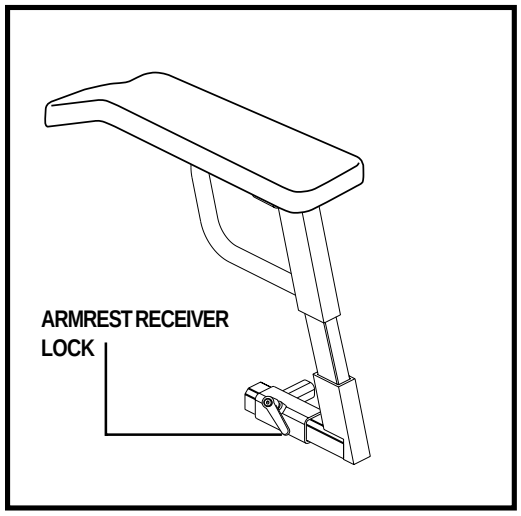

Figure 26. Armrest Position Adjustment

Euro Seat Armrest Pad Position Adjustment

The armrest pad position can be adjusted forward or back an overall distance of 5 cm and left to right an overall distance of 2.5 cm.

To adjust the forward/back armrest pad position:

1. Remove each adjustment screw from the underside front and back of the armrest pad. See figure 27.
2. Move the pad either forward or back or left to right to the desired position.

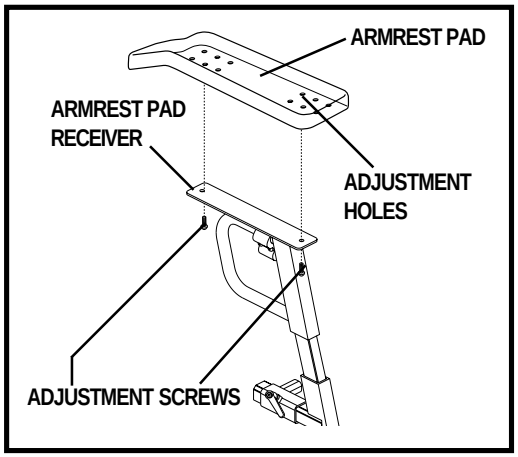

Figure 27. Armrest Pad Position Adjustment

3. Align the adjustment holes in the armrest pad and the armrest pad receiver.
4. Reinstall the screws to secure the armrest pad.

Euro Seat Controller Position Adjustment

You can position the controller for either left-hand or right-hand use.

WARNING! Do not place the controller cable so that it can be pinched in the seat frame or the power base frame.

To change the controller position on a Euro Seat:

1. Turn off the power to the controller.
2. Unplug the controller connector from the electronics tray. See figure 6.
3. Cut the wire tie that attaches the controller cable to the armrest.
4. Loosen the button head screws on the figure 8 clamp assembly located on the armrest.
5. Slide the controller out of the loosened clamp assembly.
6. Loosen the button head screws on the clamp assembly on the other armrest.
7. Remove the manual recline lever assembly and insert it into the clamp assembly on the opposite armrest. See figure 17.
8. Tighten the button head screws to secure the manual recline lever assembly in the figure 8 clamp.
9. Insert the controller into the remaining open clamp assembly.
10. Tighten the button head screws to secure the controller in the figure 8 clamp.
11. Use wire ties to secure the controller cable and the manual recline lever cable to the armrests.
12. Plug the controller connector into the electronics tray.

To change the controller position on a Contour Seat:

1. Turn off the power to the controller. See VII. “Operation.”
2. Disconnect the controller connector from the electronics tray.
3. Cut the wire tie that attaches the controller cable to the armrest.
4. Loosen the setscrew on the underside of both armrests. See figure 18.
5. Slide the controller out of one armrest and insert it into the other armrest to the desired position.
6. Tighten the setscrews on the underside of each armrest.
7. Use wire ties to secure the controller cable to the armrest.
8. Plug the controller connector into the electronics tray.

Foot Platform Height Adjustment

The foot platform height is easily adjusted to one of six different heights in 2.54 cm increments.

To raise or lower the foot platform:

1. Remove the nuts and bolts from the foot platform bracket. See figure 28.
2. Raise or lower the foot platform to the desired height.
3. Reinstall the nuts and bolts into the foot platform bracket and tighten.

Foot Platform Depth Adjustment

To adjust the foot platform depth:

1. Remove the nuts and bolts from the foot platform bracket. See figure 28.
2. Move the foot platform in or out to the desired depth.
3. Reinstall the nuts and bolts into the foot platform bracket and tighten.

Foot Platform Angle Adjustment

To adjust the foot platform angle:

1. Locate the setscrew on the underside of the foot platform. See figure 29.
2. Turn the setscrew clockwise to raise the front of the foot platform.
3. Turn the setscrew anticlockwise to lower the front of the foot platform.

Swing-away Footrests (Optional)

Swing-away footrests (SFRs) are an option. They enable you to swing the footrest to the side before transferring from your power chair.

To swing the footrests:

1. Push in the SFR release lever. See figure 30.
2. Swing the footrest off to the side.

To adjust the SFR length:

1. Remove the two adjustment screws from the side of each footrest. See figure 30.
2. Slide the footrest in or out to the desired length.
3. Reinstall the two adjustment screws on each footrest.

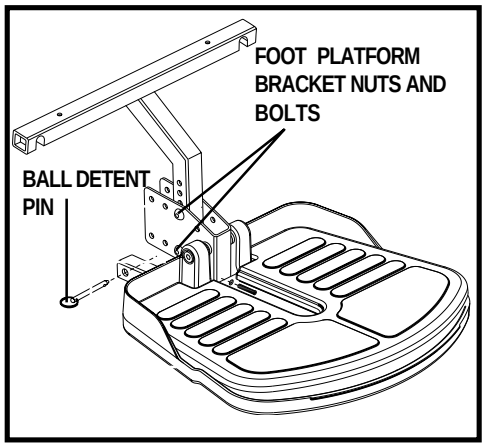

Figure 28. Foot Platform Height Adjustment

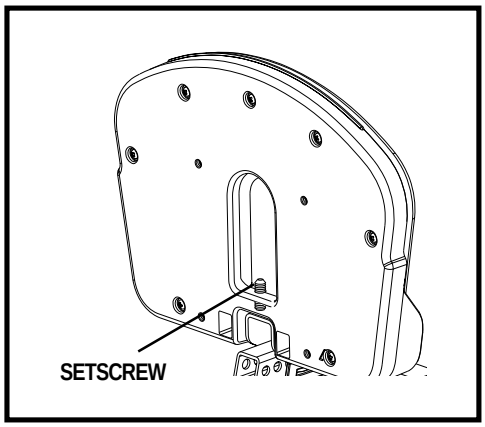

Figure 29. Foot Platform Angle Adjustment

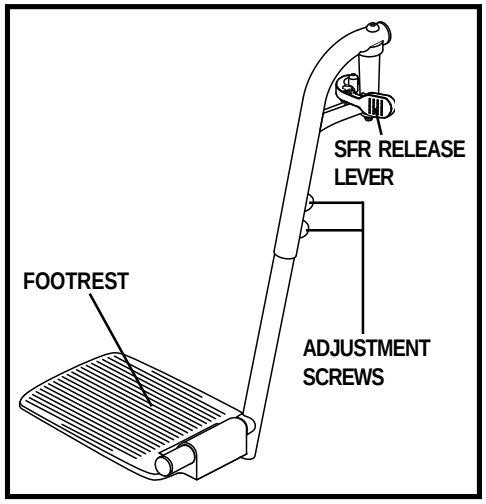

Figure 30. Swing-Away Footrests

V. COMFORT ADJUSTMENTS

Elevating Leg Rests (Optional)

Elevating Leg Rests (ELRs) offer an infinite range of adjustment between 0º – 70º for the leg angle and a leg rest adjustment range of 38-51 cm.

To rotate the ELRs:

1. Push in release lever A See figure 31.
2. Rotate the ELRs.

To adjust the ELR angle:

1. Push down release lever B. See figure 31.
2. Move the leg rest to the desired angle.

To adjust the ELR length:

1. Remove the two adjustment screws from the side of each leg rest extension. See figure 31.
2. Slide the leg rest in or out to the desired length.
3. Reinstall the two adjustment screws on each leg rest extension.

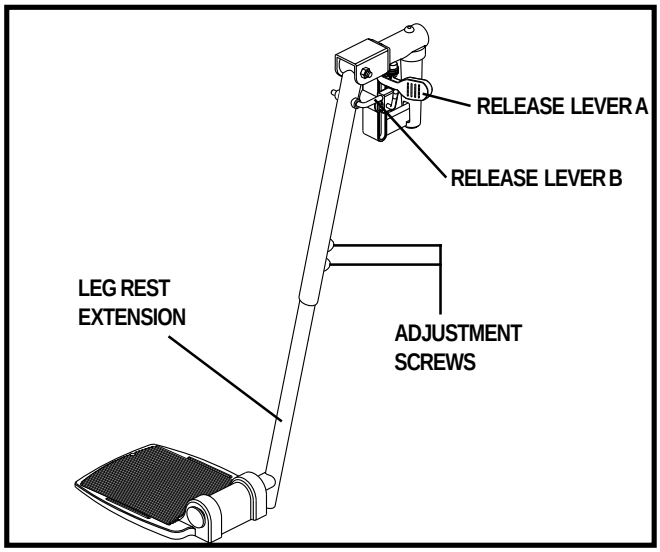

Figure 31. Elevating Leg Rests

Power Elevating Seat Option

Your power chair may be equipped with a power elevating seat actuator. The power elevating seat is equipped with a speed inhibit system that reduces power chair speed by one-half whenever the seat is elevated more than 2.5 to 5.0 cm. Always check to be sure the speed inhibit system is operating properly before using your power chair, and do not move around in your seat to any great extent when the seat is in the raised position.

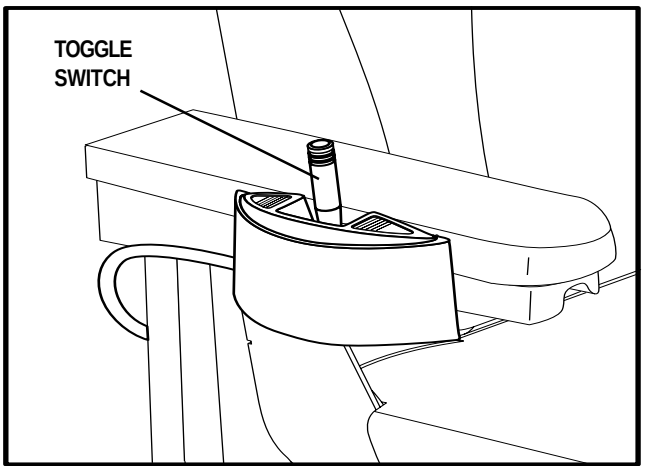

Figure 32. Power Seat Switch

The power elevating seat can enhance the capabilities of the power chair in several ways:

- By elevating the seat, your level of reach is extended to allow more freedom and independence in many environments.
- You can easily adjust the seat height to any surface to which you want to transfer. The seat swivels 90 degrees to whichever side the joystick is located.
- By raising your seat, you are closer to the eye level of standing persons. This provides better interaction.

For all the benefits the power elevating seat can provide you, there are limitations.

WARNING! Always fasten the positioning belt when operating the power elevating seat.

WARNING! The power elevating seat is intended for use on a level surface only. Never raise the power elevating seat from its lowest position on an inclined surface. Failure to heed this warning can result in the power chair tipping over.

V. COMFORT ADJUSTMENTS

WARNING! Never raise the power elevating seat from its lowest position when operating your power chair on bumpy or uneven surfaces. Failure to heed this warning can result in the power chair tipping over.

WARNING! Never raise the power elevating seat while your power chair is in freewheel mode.

Power Elevating Seat Operation

You can control the power elevating seat through either the toggle switch located on the armrest or through the controller. For information on how to raise and lower the power elevating seat through the controller, contact your authorised Pride Provider.

To operate the power elevating seat through the toggle switch:

1. Push the toggle switch forward to raise the seat. See figure 32. When you release the toggle switch, the seat will stop. Once the seat reaches its highest extension, the lift action will stop, but you should continue to hear and/or feel the lift motor running. This is because there is a clutch mechanism that allows the motor to continue running after the lift has reached its limit. This clutch works at both the top and bottom extensions of the lift.

NOTE: Do not allow the motor to run more than a few seconds after the mechanism reaches the top or bottom limit.

2. Pull the toggle switch rearward to return the seat to its lowest position. When returning to the lowest position, always be sure that the mechanism has reached its lowest limit.

To use the swivel feature, locate the swivel lever under the seat. It is located on the opposite side of the controller. Push down on the lever to rotate the seat in 90° increments.

Anti-tip Wheel Adjustment

The anti-tip wheels are designed to give your power chair increased stability on rough surfaces. The anti-tip wheels are preset for smooth surfaces or indoor use only. If you plan on using your power chair on rough surfaces, it may be necessary to adjust the anti-tip wheels to better suit your needs. The anti-tip wheels may need adjustment if either of the following occur:

- When coming to a stop, your power chair tips forward excessively.
- The anti-tip wheels constantly rub the ground.

WARNING! Consult your authorised Pride Provider before attempting to change the anti-tip height! Changing the anti-tip wheel height affects handling under deceleration!

WARNING! The higher you raise the anti-tip wheels, the more tendency your power chair has to tilt forward when coming to a stop. You can compensate for this by making a small adjustment to the pre-programmed deceleration setting in the controller or by moving the seat assembly farther to the rear of your power chair.

PROHIBITED! Do not remove the anti-tip wheels from your power chair

NOTE: Each drive tyre must have at least 2.4 bar (35 psi) of air pressure in order for the anti-tip wheels to be properly adjusted.

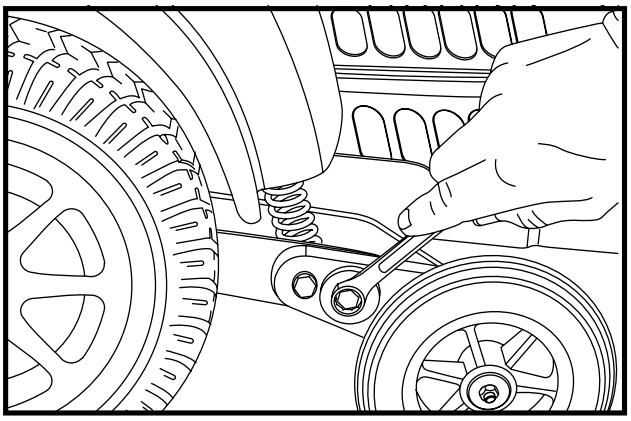

Figure 33. Anti-Tip Bracket (Inner Locknut)

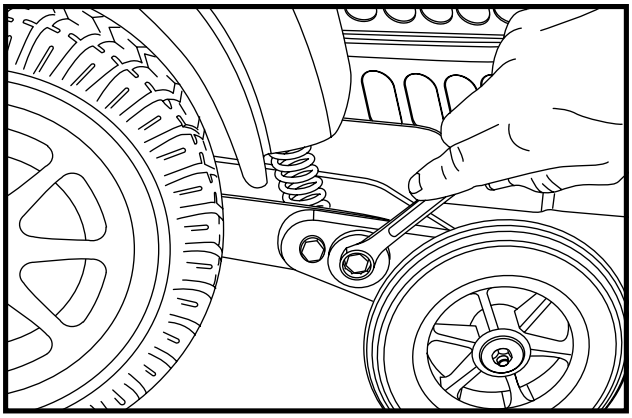

Figure 34. Anti-Tip Wheel Adjustment (Cam)

To adjust the anti-tip wheels:

1. Place an adjustable spanner on the inner locknut of the anti-tip bracket located right after the shock strut. See figure 33.
2. Turn the locknut anticlockwise to loosen.
3. Place the adjustable spanner on the adjustable cam located on the other side of the locknut. See figure 34.
4. To adjust the anti-tip upward, turn the cam anticlockwise. To adjust the anti-tip downward, turn the cam clockwise.

VI. DISASSEMBLY

Seat Removal

You may wish to remove the seat for transportation. If your power chair is equipped with a Synergy Seat or a TRU-Balance Power Positioning System, refer to the information provided in separate manuals.

To remove the Euro Seat:

1. Turn off the power to the controller.
2. Make sure your power chair is not in freewheel mode.
3. Disconnect the controller connector from the electronics tray.
4. Remove the retaining clips from each seat mount connector. See figure 14.
5. Lift the seat straight up away from the power base.

To remove the Contour Seat:

1. Turn off the power to the controller.
2. Make sure your power chair is not in free-wheel mode.
3. Disconnect the controller connector from the electronics tray.
4. Flip up the seat latch safety. See figure 19.
5. Squeeze the seat latch and release the seat from the front trapeze bar.
6. Slide the seat forward and remove it from the power base.

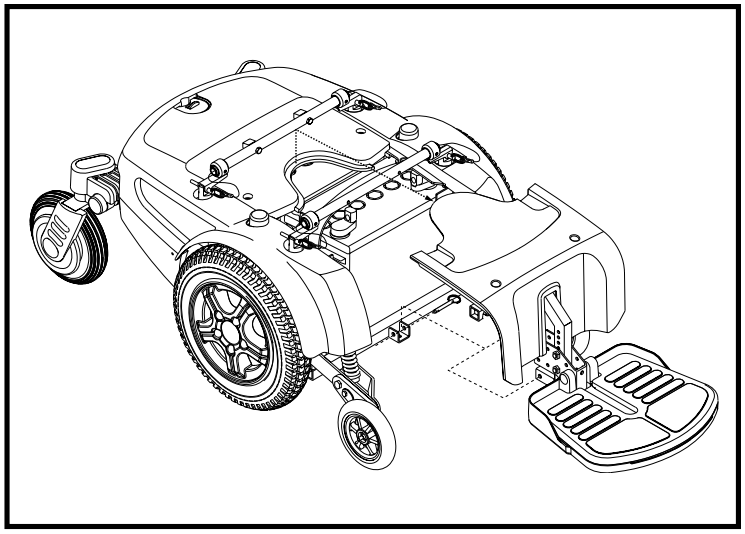

Figure 35. Foot Frame Removal

To remove a power seat:

1. Turn off the power to the controller.
2. Disconnect the power seat connector from the electronics tray.
3. Disconnect the controller connector from the electronics tray.
4. Disengage the seat release lever and lift the seat up off of the power seat actuator.

Foot Frame Removal

The foot frame helps protect the power chair components from the environment. See figure 35. You must remove the foot frame in order to change the batteries and check the cable connections.

To remove the foot frame:

1. Turn off the power to the controller.
2. Make sure your power chair is not in freewheel mode.
3. Locate the ball detent pin at the base of the foot platform bracket and remove. See figure 35.
4. Lift the foot frame straight up approximately 2.5 cm and pull toward you.

VII. OPERATION

REMOTE PLUS CONTROLLER

The electronic controller is what you use to operate your power chair. The electronic controller enables you to move the power chair, as well as monitor battery charge, electronic controller functions, and the condition of your electrical system. The Remote Plus is part of a modular electronic controller system. The system consists of more than one module. Typically, the Remote Plus is mounted to one of the armrests. See figure 36. It is connected to a power module located on the power base through the controller communications cable. The Remote Plus may be used to control some optional systems, such as power elevating leg rests through an actuator/lighting module (ALM) located on the power base.

The controller supplied with your power chair has been pre-programmed to meet your needs. The program is set using either a personal computer with software provided by the controller manufacturer or with a hand-held programmer, also provided by the controller manufacturer.

WARNING! The controller program can affect speed, acceleration, deceleration, and braking. If it is programmed incorrectly or outside of the safe limits as determined by your healthcare professional, it can create a dangerous situation. Only the power chair manufacturer, an authorized representative of the manufacturer, or a trained service technician should program the controller.

The Remote Plus consists of the following:

1. joystick
2. keypad
3. controller communications cable
4. off-board charger/programming socket

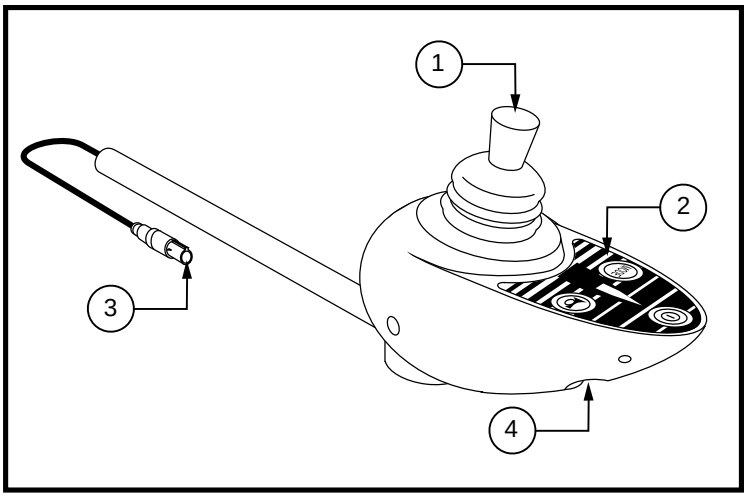

Figure 36. Remote Plus Master Remote

Joystick

The joystick controls the direction and speed of your power chair. When you move the joystick from the neutral (center) position, the electromagnetic brakes release and allow your power chair to move. The farther you push the joystick from its neutral position, the faster your power chair moves. When you release the joystick and allow it to return to the neutral position, you engage the electromagnetic brakes. This causes your power chair to decelerate and come to a complete stop.

WARNING! If your power chair begins to move in an unexpected manner, immediately release the joystick. Unless the joystick is damaged, this action should stop your power chair.

Keypad

The keypad is located directly in front of the joystick. It contains keys that you will use to control your power chair. See figure 37.

Mode Key (Speed Settings)

The mode key controls the speed settings. The Remote Plus speed settings range from 1 to 5. Typically, the slowest speed setting is 1 and the fastest speed setting is 5. The settings are indicated by the number of lights that are lit on the speed setting indicator.

NOTE: The speed settings are preset at the factory. If your authorised Pride Providerchanges the order of these settings, please make note of these changes. Contact your authorised Pride Provider for more information.

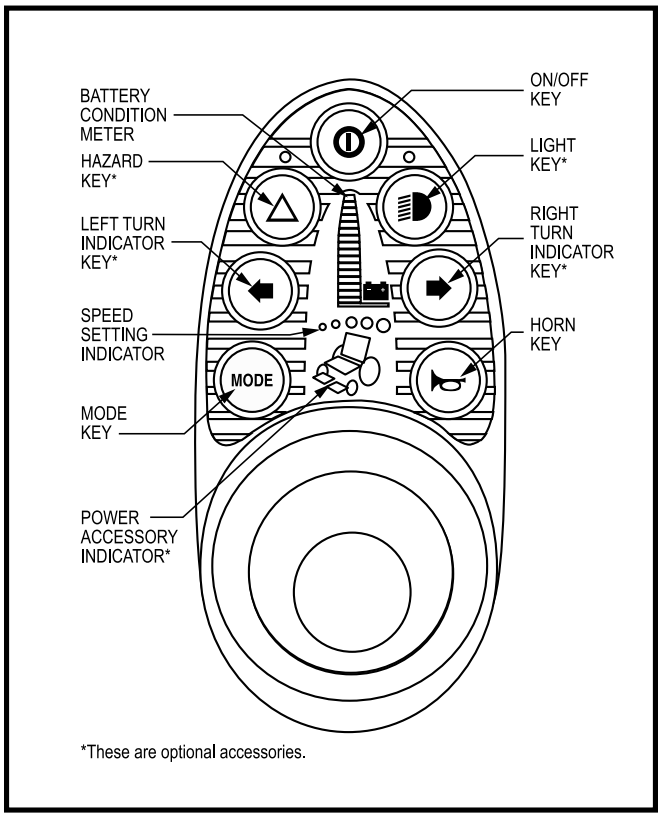

Figure 37. Remote Plus Keypad

To select a speed setting:

1. Press the on/off key to power on the controller.
2. Press the mode key once.
3. To increase chair speed, push the joystick to the right. Each time you push the joystick, you will increase the speed setting in the speed setting indicator.
4. To decrease chair speed, push the joystick to the left. Each time you push the joystick, you decrease the speed setting in the speed setting indicator.
5. Once you select the desired speed setting, press the mode key once to keep the setting or push the joystick in the forward or reverse direction. The chair will resume operation at the selected speed.

NOTE: We recommend that the first few times you operate your power chair, you have your speed on the slowest setting until you become familiar with your new power chair.

Horn Key

The horn key activates the horn.

Battery Condition Meter

The battery condition meter is a 10-segment illuminated display located in front of the joystick. When the lights are on, it indicates that there is power to the Remote Plus. The lights also indicate battery status, Remote Plus operational status, and electrical system status.

- **Red, yellow, and green lights lit:** Batteries charged; controller and electrical system OK.
- **Red and yellow lights lit:** Charge batteries if possible; controller and electrical system OK.
- **Red lights only lit or slow flash:** Charge batteries as soon as possible; controller and electrical system OK.
- **Rapid flash of lights:** Indicates an error in the controller or the electrical system. Refer to "Remote Plus Error Codes."
- **Ripple up and down of lights:** The joystick was not in the neutral position when the controller was turned on. If you get "ripple up and down of lights," turn off the controller and allow the joystick to return to the neutral position. Then turn on the controller.

NOTE: If you still get "ripple up and down of lights," contact your authorised Pride Provider.

VII. OPERATION

NOTE: When the batteries approach a discharged state, the first red light will begin to slowly flash, reminding you the batteries need to be charged immediately!

Right/Left Turn Indicator Keys (Optional)
The right/left turn indicator keys toggle either the left or right turn indicators. Press once to turn on and press again to turn off. You can also turn off the selected turn indicator by pressing the opposite indicator key or the hazard key.

Light Key (Optional)
The light key turns the headlights/taillights on and off independent of other indicators.

Hazard Key (Optional)
The hazard key activates both turn indicators at the same time. You can only cancel this by pressing the hazard key again.

Power Accessory Indicator (Optional)
Indicates the selected power accessory. This is for optional accessories only.

Power Accessories (Optional)
If your power chair is equipped with power accessories such as power elevating leg rests, you can operate them through the keypad. Contact yourauthorised Pride Provider for information on how to operate these accessories.

Off-board Charger/Programming Socket
The off-board charger/programming socket is located on the front of the Remote Plus. If you use an off-board charger, the charger current should not exceed 8 amps. Contact your authorised Pride Provider for more information.

WARNING! Only chargers with Neutrik NC3MX plugs should be connected to the off-board charger/programming socket. See your authorised Pride Provider for more information.

NOTE: Changes to the programming can only be made by your authorised Pride Provider.

Controller Communications Cable
The controller communications cable provides the Remote Plus with a connection to the power module.

Sleep Mode
The Remote Plus controller has a sleep mode feature. Sleep mode is a built-in circuit that automatically shuts off the main power if the joystick is not moved in any direction for approximately five minutes. The battery condition meter lights on the keypad indicate sleep mode by blinking once every five seconds. To restore power and continue, push the on/off key twice.

Thermal Rollback
The Remote Plus is equipped with a thermal rollback circuit. This circuit monitors the temperature of the motors, power module, and remote. In the event that any of them become excessively hot (above 50°C/122°F), motor voltage is reduced. For every degree above 50°C (122°F), the voltage is reduced by 5 volts. This reduces the power chair's speed and allows the electrical components to cool down. When the temperature returns to a safe level, the power chair resumes its normal speed.

Remote Plus Error Codes

In addition to indicating the current state of battery charge, the battery condition meter can also indicate possible problems with your power chair. The battery condition meter has ten lights. The lights provide information by the number of lights that are flashing. If any of the meter lights are flashing rapidly, the controller may be indicating a fault. For instance, if the first light is flashing rapidly, the battery voltage is nearly depleted. The following is a list of the possible errors signified by the rapidly flashing meter. When you get a trouble code, contact your authorised Pride Provider.

FLASHING LIGHTS	DIAGNOSIS	SOLUTION
10	High Battery Voltage	Check batteries.
9	Solenoid Brake Fault	Check motor/brake wiring.
8	Possible Controller Fault	See authorised Pride Provider.
7	Possible Joystick Fault	See authorised Pride Provider.
6	Inhibit Active. Unplug charger.	Check connections.
5	Right Motor Wiring Fault	Check right motor wiring.
4	Right Motor Disconnected	Check right motor wiring.
3	Left Motor Wiring Fault	Check left motor wiring.
2	Left Motor Disconnected	Check left motor wiring.
1	Low Battery Voltage	Check batteries/battery wiring.

VIII. BATTERIES AND CHARGING

BATTERIES AND CHARGING

Your power chair uses two long-lasting, 12-volt, deep-cycle batteries. These batteries are sealed and maintenance free. Since they are sealed, there is no need to check the electrolyte (fluid) level. Deep-cycle batteries are designed to handle a longer and deeper discharge. Though they are similar in appearance to automotive batteries, they are not interchangeable. Automotive batteries are not designed to handle a long, deep discharge, and also are unsafe for use in powered wheelchairs.

WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

WARNING! Do not use batteries that exceed the recommended type and amp-hour capacity. Do not use batteries with different amp-hour capacities. Refer to specifications table in this manual and in the manual suppled with the battery charger for recommended type and capacities.

Charging The Batteries

The battery charger is essential in providing long life for your power chair batteries. The battery charger is designed to optimise your power chair's performance by charging the batteries safely, quickly, and easily. The charging system consists of the battery charger, the charger fuse, and the ammeter. The onboard charger is located underneath the electronics tray. The ammeter and charger fuse are located on the electronics tray for easy viewing. See figure 6. The ammeter indicates the rate of charge being administered to fully recharge the batteries. It is also a good indication of whether or not the charger is working. The ammeter and the charger are only functional when the charger power lead is plugged into an electrical outlet.

PROHIBITED! Removal of grounding prong can create electrical hazard. If necessary, properly install an approved 3-pronged adapter to an electrical outlet having 2-pronged plug access.

PROHIBITED! Never use an extension lead to plug in your battery charger. Plug the charger directly into a properly wired standard electrical outlet.

WARNING! You must recharge your power chair's batteries with the supplied onboard or optional off-board battery charger. Do not use an automotive-type battery charger.

WARNING! Read the battery charging instructions in this manual and in the manual supplied with the battery charger before charging the batteries.

WARNING! Do not expose the battery charger to rain or other sources of moisture unless it has been tested for outdoor use. Refer to the manual supplied with the battery charger for more information.

WARNING! Explosive gases may be generated while charging the batteries. Keep the power chair and battery charger away from sources of ignition such as flames or sparks and provide adequate ventilation when charging the batteries.

WARNING! Inspect the battery charger, wiring, and connectors for damage before each use. Contact your authorised Pride Provider if damage is found.

WARNING! Do not attempt to open the battery charger case. If the battery charger does not appear to be working correctly, contact your authorised Pride Provider.

WARNING! If the battery charger is equipped with cooling slots, then do not attempt to insert objects through these slots.

VIII. BATTERIES AND CHARGING

WARNING! Do not allow unsupervised children to play near the power chair while the batteries are charging.

WARNING! If your battery charger has not been tested and approved for outdoor use, then do not expose it to adverse or extreme weather conditions. If the battery charger is exposed to adverse or extreme weather conditions, then it must be allowed to adjust to the difference in environmental conditions before use indoors. Refer to the manual supplied with the battery charger for more information.

To charge the batteries using the onboard charger:

1. Position the rear of your power next to a standard electrical outlet.
2. Be certain the controller power is turned off and the freewheel levers are in the engaged position. See III. "Your Power Chair."
3. Slide the rear cover forward.
4. Extend the charger power lead and plug it into the electrical outlet.

NOTE: The power chair incorporates an inhibit function that disables the power chair when the charger is plugged into an electrical outlet.

5. We recommend you charge the batteries for 8 to 14 hours. As the batteries charge, the ammeter needle slowly drops to zero.

NOTE: The ammeter indicates how much charge is needed to fully charge the batteries. Wait about a minute for the charger to warm up. The ammeter may move as high as 5.5 amps, then gradually move back down to 0 amps as the batteries charge.

6. When the batteries are fully charged, the needle vibrates on or near the zero mark on the ammeter scale. Unplug the power lead from the electrical outlet, wind it up using the hook and loop strap, and place the lead back into the electronics tray.

To charge the batteries using the off-board charger:

1. Position the front of your power chair next to a standard electrical outlet.
2. Turn off the power to the controller and engage the manual freewheel lever(s) in the drive position. See III. "Your Power Chair."
3. Plug the 3-pin extension cable from the off-board battery charger into the off-board battery charger/programming socket on the controller. See VII. "Operation."
4. Plug the off-board battery charger into the electrical outlet.

NOTE: If it is a Pride off-board charger, then there are two lights in it. The red light indicates that power to the off-board charger is on. The green light indicates that the batteries are fully charged. If it is not a Pride off-board charger, then follow the instructions supplied by the manufacturer.

5. When the batteries are fully charged, disconnect the charger from the electrical outlet, then from the controller.

VIII. BATTERIES AND CHARGING

Battery Break-In

To break in new batteries for maximum efficiency:

1. Fully recharge any new battery prior to its initial use. This brings the battery up to about 90% of its peak performance level.
2. Operate your power chair about the house and grounds. Move slowly at first, and do not travel too far until you become accustomed to the controls and break in the batteries.
3. Give the batteries another full charge of 8 to 14 hours and operate your power chair again. The batteries should now perform at over 90% of their potential.
4. After four or five charging cycles, the batteries top off at 100% charge and last for an extended period.

Batteries and Charging - Frequently Asked Questions (FAQs)

How does the charger work?

The battery charger takes the standard electrical outlet voltage (alternating current) and converts it to 24 VDC (direct current). The power chair batteries use direct current to run your power chair. When the battery voltage is low, the charger works harder to charge the battery. As the battery voltage approaches full charge, the charger does not work as hard to complete the charging cycle. When the battery is fully charged, the amperage from the charger is nearly at zero. This is how the charger maintains a charge but does not overcharge the battery. Your power chair's charger will not operate after the batteries have been discharged to nearly zero voltage. If this happens, call your authorised Pride Provider for assistance.

Can I use a different battery charger?

Use only the charger supplied with the power chair. It is the safest, most efficient tool to charge the batteries. We do not recommend using other types of chargers.

How often must I charge the batteries?

Many factors come into play when deciding how often to charge the batteries. You may use your power chair all day on a daily basis or you may not use it for weeks at a time.

- **Daily Use**

  If you use your power chair on a daily basis, charge the batteries as soon as you are finished. Your power chair will be ready each morning to give you a full day's service. It is recommended that you charge the batteries 8 to 14 hours after daily use. Do not charge the batteries for more than 24 hours at a charging cycle.

- **Infrequent Use**

  If you use your power chair infrequently (once a week or less), you should charge the batteries at least once per week for 12 to 14 hours.

NOTE: Keep your batteries fully charged and avoid deeply discharging your batteries. Do not charge the batteries for more than 24 hours at a charging cycle.

VIII. BATTERIES AND CHARGING

How can I get maximum range or distance per charge?
Rarely do you have an ideal driving situation such as smooth, flat, hard terrain with no wind, hills, or curves. More often you are presented with hills, pavement cracks, uneven and loosely packed surfaces, curves, and wind. All of these factors affect the distance or running time per battery charge. The following are a few suggestions for obtaining the maximum range per charge.

- Always fully charge the batteries prior to your trip.
- Maintain **2.4 bar (35 psi)** in pneumatic drive wheels.
- Plan your trip in advance to avoid inclines if possible.
- Limit baggage weight to essential items.
- Try to maintain an even speed and avoid stop-and-go driving.

What type of battery should I use?
We recommend deep-cycle batteries that are sealed and maintenance free. Both AGM and Gel-Cell are deep-cycle batteries that are similar in performance.

WARNING! Corrosive chemicals are contained in batteries. Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.

Why do my new batteries seem weak?
Deep-cycle batteries employ a much different chemical technology than that used in car batteries, nickel-cadmium batteries (nicads), or in other common battery types. Deep-cycle batteries are specifically designed to provide power, drain down their charge, and then accept a relatively quick recharge. AGM or Gel-Cell batteries should be charged as often as possible. They do not have a "memory" like nickel-cadmium batteries.

We work closely with our battery manufacturer to provide a battery that best suits your power chair's specific demands. Fresh batteries arrive regularly at Pride and are promptly shipped with a full charge. During shipping, the batteries encounter temperature extremes that may influence initial performance. Heat robs the charge from the battery, and cold slows the power available and extends the time needed to recharge the battery (just as with a car battery).

It might take a few days for the temperature of the battery to stabilise and adjust to its new ambient temperature. More importantly, it takes a few "charging cycles" (a partial drain—then a full recharge) to establish the critical chemical balance that is essential to the battery's peak performance and long life. It is well worth it to take the time to break in your batteries properly.

NOTE: The useful life of a battery is quite often a reflection of the care it receives.

How can I ensure maximum battery life?
A fully charged, deep-cycle battery provides reliable performance and extended battery life. Keep your power chair's batteries fully charged whenever possible. Batteries that are regularly and deeply discharged, infrequently charged, or stored without a full charge may be permanently damaged, causing unreliable power chair operation and limited battery life.

VIII. BATTERIES AND CHARGING

How should I store my power chair and its batteries?
If you do not use your power chair regularly, we recommend maintaining battery vitality by charging the batteries at least once a week.

If you do not plan on using your power chair for an extended period, fully charge the batteries prior to storage. Disconnect the battery harnesses and store the power chair in a warm, dry environment. Avoid temperature extremes, such as freezing and excessively hot conditions, and never attempt to charge a frozen battery. A cold or frozen battery should be warmed for several days prior to recharging.

NOTE: If you are storing a power chair for an extended period of time, you may wish to block the unit up with several boards under the frame. This keeps the tyres off the ground and prevents the possibility of flat spots developing in the tyres.

What about public transportation?
If you intend to use public transportation while using your power chair, you must contact in advance the transportation provider to determine their specific requirements.

AGM and Gel-Cell batteries are designed for application in power chairs and in other mobility vehicles. Generally, these batteries are safe for all forms of transportation such as aircraft, buses, and trains. We suggest that you contact your transportation provider to determine specific requirements of transportation and packaging.

What about shipping?
If you wish to use a freight company to ship your power chair to your final destination, repack your power chair in the original shipping container and ship the batteries in separate boxes.

IX. CARE AND MAINTENANCE

CARE AND MAINTENANCE

Your Jazzy 1122 is a sophisticated power chair. Like any motorised vehicle, it requires routine maintenance checks. You can perform some of these checks, but others require assistance from an authorised Pride Provider. Preventive maintenance is very important. If you follow the maintenance checks in this section as scheduled, you can help ensure that your power chair gives you years of trouble-free operation. If you have any doubt as to your power chair's care or operation, contact your authorised Pride Provider.

WARNING! Do not service the power chair when the seat is occupied.

Your power chair, like most electrical equipment, is susceptible to damage from the elements. Avoid damp areas of any kind.

WARNING! Direct exposure to water or dampness could cause the power chair to malfunction electronically and mechanically. Water can cause electrical components to corrode and the chair's frame to rust. Power chairs should be examined periodically for signs of corrosion caused by water exposure or incontinence and damaged electronic components should be replaced immediately.

Should your power chair come in contact with water:

1. Dry your power chair as thoroughly as possible with a dry towel.
2. Allow your power chair to sit in a warm, dry place for 12 hours to allow unseen water to evaporate.
3. Check the joystick operation and the brakes before using your power chair again.
4. If any inconsistencies are found, take your power chair to an authorised Pride Provider. Power chairs that are frequently exposed to sources of water, such as incontinence, should be inspected often for corrosion and electronic components may need to be replaced frequently.

Temperature

- Some of the parts of your power chair are susceptible to extreme changes in temperature. Always keep your power chair between the temperatures of -8° C (18° F) and 50° C (122° F).
- In extremely cold temperatures the batteries may freeze. The specific temperature at which they freeze depends on a number of factors, such as battery charge, usage, and composition of the batteries (e.g., AGM or Gel-Cell).
- Temperatures above 50° C (122° F) may cause your power chair to operate at a reduced speed. This reduced speed is a safety feature built into the controller that helps prevent damage to the motor and other electrical components. See VII. "Operation."

General Guidelines

- Avoid knocking or bumping the controller, especially the joystick.
- Avoid prolonged exposure of your power chair to extreme conditions, such as heat, cold, or moisture.
- Keep the controller clean.
- Check all controller connectors on the electronics tray to ensure that they are all tight and secured properly.
- Make sure pneumatic drive tyres are inflated to **2.4 bar (35 psi)**.

WARNING! Make sure your tires are inflated to 2.4 bar (35 psi). Do not underinflate or overinflate your tires. Low pressure may result in loss of control, and overinflated tires may burst. Overinflating tires can cause them to explode.

WARNING! Do not use high pressure hose to inflate your tyres.

- Use a rubber conditioner on the tyre sidewalls to help preserve them.

WARNING! Never use a rubber conditioner on the tread area of the tyres; doing so may make the tyres slippery and cause your power chair to skid.

- The body shroud has been sprayed with a clear sealant coating. You can apply a light coat of car wax to help it retain its high-gloss appearance.
- Check all electrical connections. Make sure they are tight and are not corroded. Batteries must sit flat within the battery well, with the battery terminals facing inward, toward each other. Refer to the frame decal for the correct wiring layout.
- All wheel bearings are prelubricated and sealed. They require no subsequent lubrication.

Daily Checks

- With the controller turned off, check the joystick. Make sure it is not bent or damaged and that it returns to the centre when you release it. Check the rubber boot around the base of the joystick for damage. Visually inspect the boot. Do not handle or try to repair it. See your authorised Pride Provider if there is a problem.
- Visually inspect the controller harnesses. Make sure that they are not frayed or cut or have any wires exposed. See your authorised Pride Provider if there is a problem with any of these harnesses.

Weekly Checks

- Disconnect and inspect the controller and the charger harnesses from the electronics tray. Look for corrosion. Contact your authorised Pride Provider if necessary.
- Ensure that all parts of the controller system are securely fastened to your power chair. Do not overtighten any screws.
- Check for proper tyre inflation. There should be **2.4 bar (35 psi)** in each tyre. If a tyre does not hold air, see an authorised Pride Provider for replacement of the tube.
- Check the brakes. This test should be carried out on a level surface with at least 1 metre of clearance around your power chair.

To check the brakes:

1. Turn on the controller and turn down the speed level of your power chair.
2. After one second, check the battery condition meter. Make sure that it remains on.
3. Slowly push the joystick forward until you hear the electric brakes click. Immediately release the joystick. You must be able to hear each electrical brake operating within a few seconds of joystick movement. Repeat this test three times, pushing the joystick rearward, then left, and then right.

Monthly Checks

- Check that the anti-tip wheels do not rub the ground when you are operate the power chair. Adjust them as necessary. See V. “Comfort Adjustments.”
- Check for extreme wear on the anti-tip wheels. Replace them as necessary.
- Check for drive tyre wear. See an authorised Pride Provider for repair.
- Check the rear casters for wear. Replace them as necessary.
- Check the rear forks for damage or fluttering which indicates that they may need to be adjusted or have the bearings replaced. See an authorised Pride Provider for repair.
- Keep your power chair clean and free of foreign material, such as mud, dirt, hair, food, drink, etc.

IX. CARE AND MAINTENANCE

Yearly Checks

Take your power chair to an authorised Pride Provider for yearly maintenance. This helps ensure that your power chair is functioning properly and helps prevent future complications.

Storage

Your power chair should be stored in a dry place, free from temperature extremes. When storing, disconnect the batteries from the power chair. See VIII. "Batteries and Charging."

WARNING! If you fail to store the unit properly, the frame can rust and the electronics can be damaged.

Batteries that are regularly and deeply discharged, infrequently charged, stored in extreme temperatures, or stored without a full charge may be permanently damaged, causing unreliable performance and limited service life. It is recommended that you charge the batteries periodically throughout periods of prolonged storage to ensure proper performance.

You may wish to place several boards under the frame of your power chair to raise it off of the ground during periods of prolonged storage. This takes the weight off the tires and reduces the possibility of flat spots developing on the areas of the tires contacting the ground.

Disposal of Your Power Chair

Your power chair must be disposed of according to applicable local and national statutory regulations. Contact your local waste disposal agency or an authorised Pride Provider for information of proper disposal of power chair packaging, metal frame components, plastic components, electronics, and batteries.

Cleaning Instructions

- Use a damp cloth and mild, non-abrasive cleanser to clean the plastic and metal parts of your power chair. Avoid using products that may scratch the surface of your power chair.
- If necessary, clean your product with an approved disinfectant. Make sure the disinfectant is safe for use on your product before application.

WARNING! Follow all safety instructions for the proper use of the disinfectant before applying it to your product.

WARNING! Never hose off your power chair or place it in direct contact with water. Your power chair has a painted, ABS plastic body shroud that allows it to be easily wiped clean with a damp cloth.

WARNING! Never use any chemicals to clean a vinyl seat, as they may cause the seat to become slippery or dry out and crack. Use soapy water and dry the seat thoroughly.

Wheel Replacement

If you have pneumatic tyres and you have a flat tyre, replace the tube. If your chair is equipped with a solid tyre insert, then replace the entire wheel assembly. Replacement tyres, tubes, and wheel assemblies are readily available through your authorised Pride Provider.

WARNING! Be sure that the controller's power is turned off and the power chair is not in freewheel mode before performing this procedure.

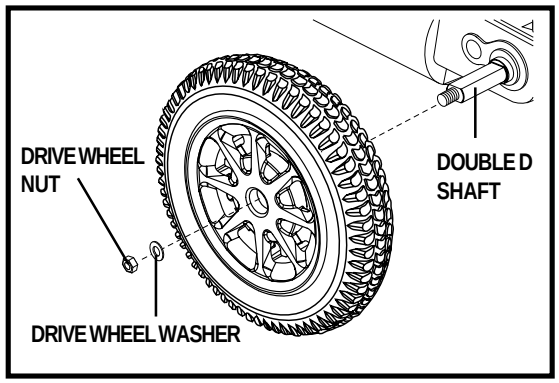

Figure 38. Drive Wheel (Double D Shaft Motor)

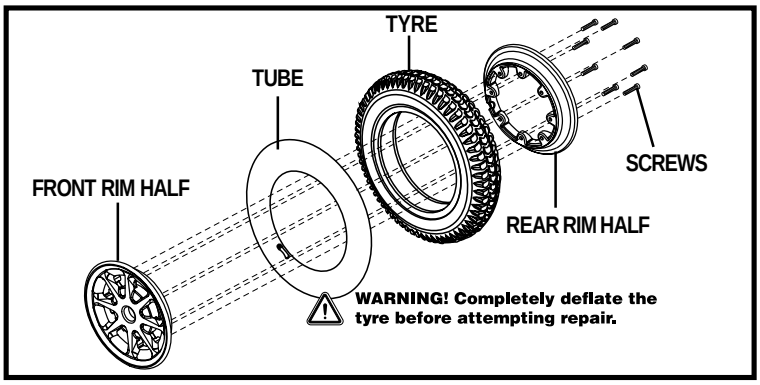

Figure 39. Drive Wheel Disassembled (Double D Shaft Motor)

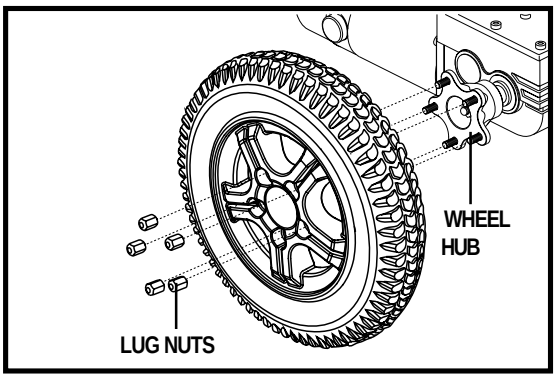

Figure 40. Drive Wheel (Hammer Motor Option)

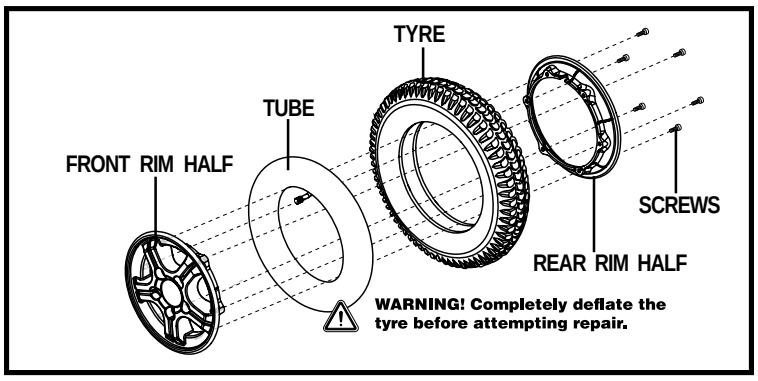

Figure 41. Drive Wheel Disassembled (Hammer Motor Option)

WARNING! Completely deflate the pneumatic tyre before attempting repair.

Follow these easy steps for a quick and safe repair for both solid and pneumatic tyres:

1. Turn off the power to the controller.
2. Set the power chair up on blocks.
3. If you are changing a pneumatic tyre, completely deflate it before removing the wheel.

NOTE: There are two different wheel assemblies depending on which motor package your power chair is equipped with. The Double D shaft motor utilises a single drive wheel nut and washer. The hammer motor option uses five lug nuts.

4. Determine whether the drive wheel has a single drive wheel nut (see step 5) or five lug nuts (see step 6).
5. Remove the drive wheel nut and washer from the axle shaft. See figure 38.
6. If your power chair is equipped with the hammer motor option, remove the five lug nuts from the wheel hub. See figure 40.
7. Pull the wheel off the axle shaft or wheel hub.
8. Remove the screws from the rim assembly and separate the front and rear rim.
9. Remove the old tube from the pneumatic tyre and replace it with a new tube or repalce the entire assembly if it is a solid tyre.
10. Reassemble the rims and reinstall the screws. See figures 39 or 41.

11. Slide the wheel back onto the axle shaft or wheel hub.
12. Reinstall the drive wheel nut and washer into the centre hub and tighten. See figure 38.
13. For the hammer motor option, reinstall the five lug nuts onto the wheel hub and tighten. See figure 40.
14. Inflate the pneumatic tyres to **2.4 bar (35 psi).**
15. Remove the power chair from the blocks.

Battery Replacement

A diagram is printed on a decal located on the power chair frame near the battery tray. See figure 42.

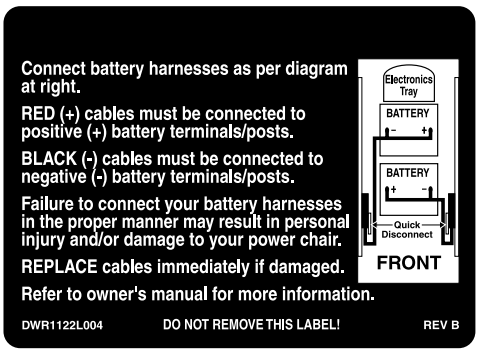
Connect battery harnesses as per diagram at right.
RED (+) cables must be connected to positive (+) battery terminals/posts.
BLACK (-) cables must be connected to negative (-) battery terminals/posts.
Failure to connect your battery harnesses in the proper manner may result in personal injury and/or damage to your power chair.
REPLACE cables immediately if damaged.
Refer to owner's manual for more information.
DWR1122L004
DO NOT REMOVE THIS LABEL!
REV B
Electronics Tray
BATTERY
BATTERY
Quick Disconnect
FRONT

Figure 42. Battery Connections

WARNING! Do not replace the batteries when the seat is occupied.

WARNING! Battery posts, terminals, and related accessories contain lead and lead compounds. Wear goggles and gloves when handling batteries and wash hands after handling.

WARNING! Power chair batteries are heavy. See specifications table. If you are unable to lift that much weight, be sure to get help. Avoid lifting beyond your capacity.

WARNING! Do not mix or match new and old batteries. If you encounter a situation where one battery needs to be replaced, then replace both batteries. Refer to specifications table in this manual and the manual supplied with the battery charger for recommended type and capacities.

To replace the batteries:

1. Remove the detent pin from the bottom of the foot frame.
2. Lift the foot frame straight up to remove it from the mounting bracket.
3. Locate the two wiring harnesses that will be attached to your batteries.
4. Disconnect the two harnesses from their quick disconnects by pulling the quick disconnects toward you.
5. Remove the batteries from the power base assembly.
6. Disconnect the battery harnesses from the positive and negative terminals.
7. Replace old batteries with new ones.
8. Connect the wire labeled BAT (+) to a battery's positive (red) terminal. Connect the wire labeled BAT (-) to the negative (black) terminal. Install the battery in the rear of your power chair's battery tray with the battery's terminals facing inward, toward the centre of the power chair. Plug the wiring harness into a quick disconnect.
9. Connect the wire labeled BAT (+) to the other battery's positive (red) terminal. Connect the wire labeled BAT (-) to the negative (black) terminal. Install the battery in the front of your power chair's battery tray with the battery terminals facing inward, toward the centre of the power chair. Plug the wiring harness into a quick disconnect.

WARNING! Make sure you tighten the fasteners so that the connections are secure.

10. Replace the foot frame using the detent pin to secure.

IX. CARE AND MAINTENANCE

When to See Your Authorised Pride Provider for Service

The following symptoms could indicate a serious problem with your power chair. If necessary, contact your authorised Pride Provider. When calling, have the model number, serial number, nature of the problem, and the trouble code if available.

- Motor noise
- Frayed harnesses
- Cracked or broken connectors
- Uneven wear on any of the tyres
- Jerky motion
- Pulling to one side
- Bent or broken wheel assemblies
- Does not power up
- Powers up, but does not move

Corrective Maintenance

If the battery condition meter does not light up when you turn on the power:

- Check the harness connections. Make sure they are tight.
- Check the circuit breaker. Reset it if necessary.
- Check the battery connections.

If the above conditions prove normal, you can load test the batteries with a battery load tester. These testers are available at automotive parts stores. Disconnect both batteries before load testing and follow the directions that come with the load tester. If either one of the batteries fails the load test, replace both of them. If your power chair still does not power up, contact your authorised Pride Provider.

X. WARRANTY

LIFETIME LIMITED WARRANTY

Structural frame components, including: platform, fork, seat post, and frame welds.

TWO-YEAR LIMITED WARRANTY

Drivetrain, including: differential, motor, and brake.

ONE-YEAR LIMITED WARRANTY

Your Pride Power Chair is fully guaranteed for twelve (12) months from the date of purchase against faults arising due to defects in manufacture or materials. This warranty does not detract from, but is in addition to your legal rights.

All electronic parts, including controllers and battery chargers, have a one (1) year warranty. Servicing to the controller or battery charger must be carried out by your authorised Pride Provider. Any attempt to open or dismantle these items renders the guarantee void on that item.

NOT COVERED UNDER WARRANTY

This guarantee does not extend to those items which may need replacement due to normal wear and tear (tyres, belts, bulbs, upholstery, plastic shrouds, motor brushes, fuses, and batteries), or damage to the product caused by misuse or accident for which Pride or its agent cannot be held responsible. This warranty does not include labour or service calls.

BATTERIES

Batteries are covered by a twelve (12) month warranty from the original manufacturer.

Gradual deterioration in performance due to being left in a discharged state, left in cold conditions for long periods of time, or worn out through heavy use is not covered.

SERVICE CHECKS AND WARRANTY SERVICE

Warranty service can be performed by your authorised Pride Provider. Please contact your authorised Pride Provider for advice on the current cost affecting the service visit.

REPLACEMENT UNITS

The availability of replacement units is subject to the discretion of the dealer, not the manufacturer. For more information regarding replacement units, contact your authorised Pride Provider.

N O T E S

NOTES

Quality Control - Jazzy 1122

☐ Inclusion of all Parts

_____
Joystick Serial Number

_____
Controller Serial Number

_____
Left Motor Serial Number

_____
Right Motor Serial Number

☐ Fit and Finish

☐ Performance

Pride keeps a more detailed report on file at the factory.

_____
Date Inspected

_____
Inspector

INFMANU1979

_____
Product Serial #